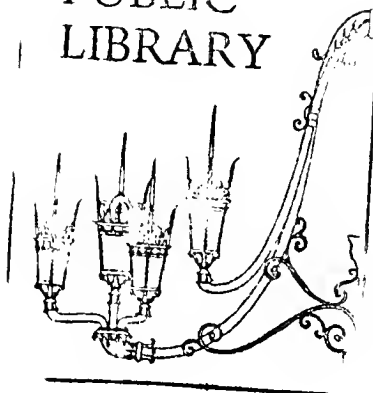




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U.S. Department of Commerce  
BUREAU OF THE CENSUS

# Cotton, Manmade Fiber Staple, and Linters

(Consumption and Stocks, and Spindle Activity)

JANUARY 1977

Issued March 1977  
M22P(77)-6

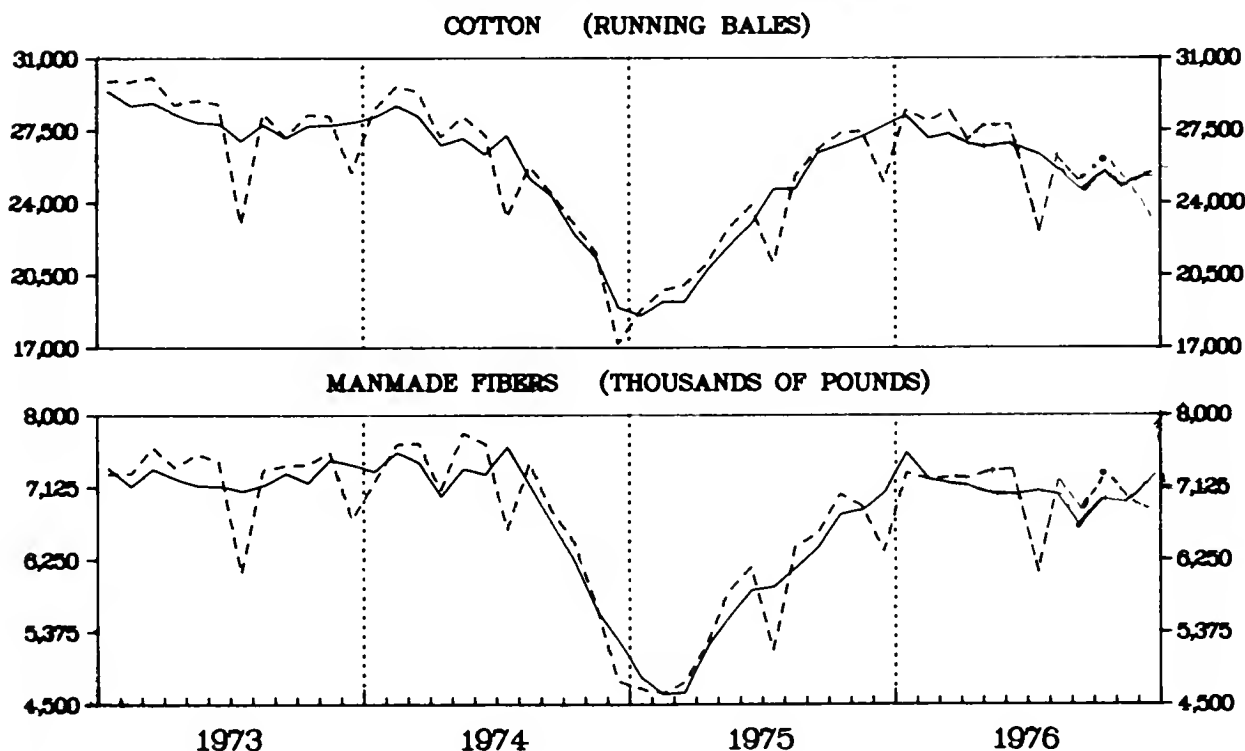
The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 13. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

M 22 P (77) - 6

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 - 1976

— SEASONALLY ADJUSTED --- NOT ADJUSTED



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE  
COTTON AND MANMADE FIBER STAPLE CONSUMPTION  
(BASED ON 1967 DAILY AVERAGE = 100) 1973-1976

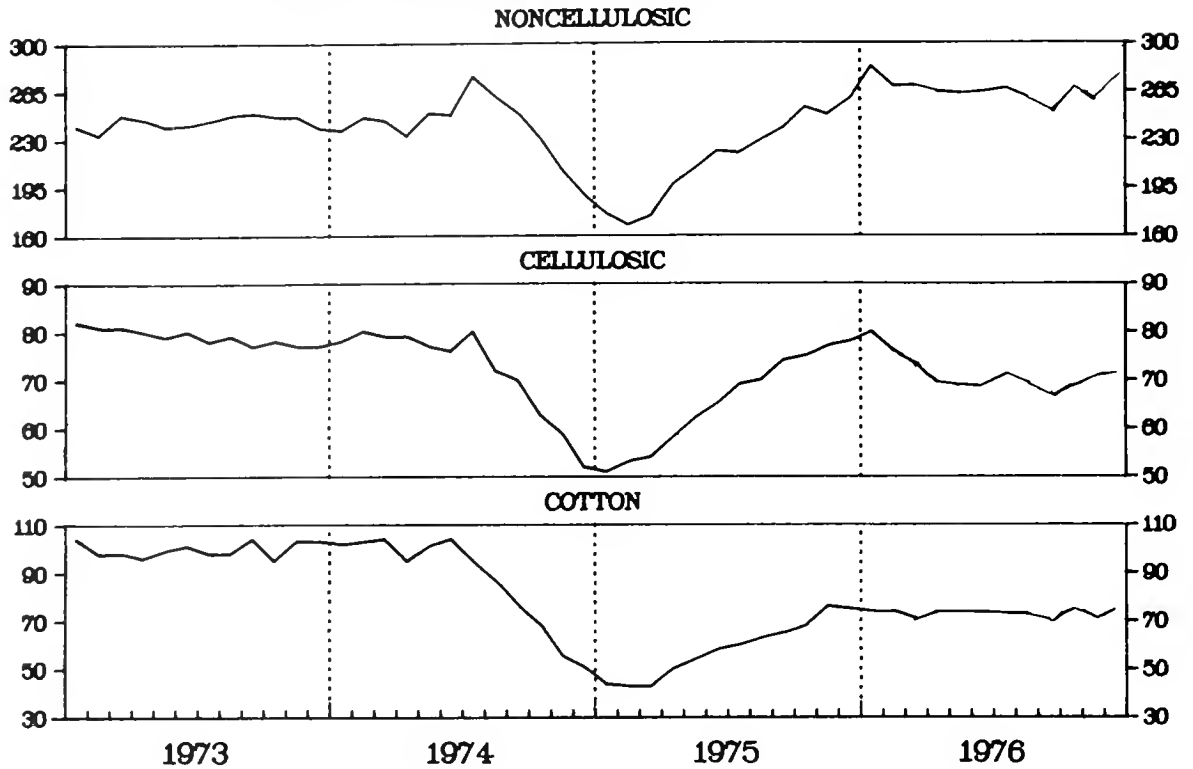


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>1</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977									
January (4 weeks).....	25,533	25,259	274	7,639	1,549	6,090	5,290	156,957	413
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	26,951	396	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	26,830	309	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	27,892	318	7,546	1,571	5,975	5,462	162,995	437
1975									
December (5 weeks).....	27,717	27,381	336	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	26,893	312	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	26,484	295	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	26,099	288	6,396	1,374	5,022	7,885	120,899	397
August (4 weeks).....	24,679	24,426	253	6,152	1,332	4,820	8,362	114,584	380
July (5 weeks).....	24,632	24,395	237	5,922	1,278	4,644	8,520	110,245	376
June (4 weeks).....	22,940	22,721	219	5,878	1,223	4,655	8,271	124,057	346
May (4 weeks).....	21,881	21,649	232	5,551	1,154	4,397	7,756	123,816	331
April (5 weeks).....	20,704	20,450	254	5,184	1,051	4,133	7,404	116,885	308
March (4 weeks).....	19,212	18,990	222	4,647	928	3,719	7,170	129,768	281
February (4 weeks).....	19,184	18,957	227	4,633	959	3,674	6,830	142,839	288
January (5 weeks).....	18,559	18,348	211	4,837	951	3,886	6,501	158,812	294

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Feb. 24, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total
	Cotton			Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total  (1,000 pounds)	(millions)
	Total  (running bales)	Upland <sup>2</sup>  (running bales)	Long staple <sup>3</sup>  (running bales)	Total  (1,000 pounds)	Cellu- losic  (1,000 pounds)	Noncel- lulosic  (1,000 pounds)			
1977									
January (4 weeks).....	25,775	25,486	289	7,387	1,516	5,871	7,755	151,307	411
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	28,083	395	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	27,608	329	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	28,143	335	7,298	1,538	5,760	8,008	157,127	435
1975									
December (5 weeks).....	24,977	24,698	279	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	27,162	319	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	27,014	311	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	26,282	287	6,566	1,403	5,163	3,974	130,934	403
August (4 weeks).....	25,273	25,012	261	6,410	1,363	5,047	4,532	124,095	392
July (5 weeks).....	21,079	20,882	197	5,156	1,079	4,077	5,206	115,206	328
June (4 weeks).....	23,839	23,607	232	6,165	1,328	4,837	6,046	123,189	360
May (4 weeks).....	22,766	22,515	251	5,878	1,239	4,639	6,763	118,616	346
April (5 weeks).....	21,002	20,757	245	5,237	1,054	4,183	7,552	117,560	314
March (4 weeks).....	20,010	19,788	222	4,771	948	3,823	8,418	122,631	287
February (4 weeks).....	19,768	19,526	242	4,638	957	3,681	9,077	135,269	291
January (5 weeks).....	18,753	18,531	222	4,687	933	3,754	9,511	153,412	293

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1977			
January (4 weeks).....	72	73	289
1976			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250
August (4 weeks).....	72	69	255
July (4 weeks).....	73	72	264
June (5 weeks).....	75	67	261
May (4 weeks).....	75	69	260
April (4 weeks).....	75	73	265
March (5 weeks).....	77	71	269
February (4 weeks).....	76	74	269
January (4 weeks).....	80	74	283

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	JANUARY 1977 (JAN. 2 TO JAN. 29)		DECEMBER 1976 (NOV. 28 TO JAN. 1, 1977)		JANUARY 1976 (JAN. 4 TO JAN. 31)	
	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	515,512	255,401	582,441	286,988	569,568	283,848
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	512,314	253,812	577,959	284,761	565,656	281,840
ALABAMA . . . . .	66,731	33,142	78,274	38,919	73,169	36,552
GEORGIA . . . . .	92,944	46,762	103,397	50,936	102,497	51,090
NORTH CAROLINA. . . . .	178,979	87,995	201,540	98,865	190,284	94,573
SOUTH CAROLINA. . . . .	134,658	66,586	152,564	75,192	151,070	75,401
TENNESSEE . . . . .	9,379	4,487	10,860	5,198	12,344	6,010
TEXAS . . . . .	4,796	2,445	4,438	2,265	4,326	2,224
VIRGINIA. . . . .	17,485	8,711	18,250	9,061	23,111	11,547
OTHER STATES. . . . .	7,342	3,684	8,636	4,325	8,855	4,443
NEW ENGLAND. . . . .	2,906	1,453	3,994	1,991	3,261	1,643
REST OF UNITED STATES. . . . .	292	136	488	236	651	365
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	509,060	252,198	574,041	282,929	562,196	280,250
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	41,780	20,800	46,645	23,125	46,525	23,060
1 INCH AND 1-1/32 INCH STAPLES. . . . .	129,153	63,537	156,469	76,681	149,929	74,437
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	297,008	147,221	325,364	160,861	316,786	158,402
STAPLES LONGER THAN 1-3/32 INCH . . . . .	27,052	13,343	30,297	14,908	28,832	14,378
STAPLES NOT SPECIFIED BY KIND . . . . .	14,067	7,297	15,266	7,354	20,124	9,973
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	3,159	1,590	4,479	2,231	5,555	2,760
FOREIGN COTTON, TOTAL. . . . .	3,293	1,613	3,921	1,828	1,817	838
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	1,413	711	<sup>r</sup> 1,787	<sup>r</sup> 789	1,153	520
OTHER. . . . .	1,211	584	<sup>r</sup> 1,175	<sup>r</sup> 579		
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	669	318	959	460	664	318
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	147,729	(X)	166,532	(X)	145,951
RAYON AND ACETATE . . . . .	(X)	30,318	(X)	34,017	(X)	30,758
NYLON . . . . .	(X)	7,248	(X)	8,240	(X)	8,443
ACRYLIC AND MODACRYLIC. . . . .	(X)	13,501	(X)	13,449	(X)	11,139
POLYESTER . . . . .	(X)	96,014	(X)	110,193	(X)	95,238
OTHER MANMADE FIBER . . . . .	(X)	648	(X)	633	(X)	373

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.  
<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for January 1977; 25 for December 1976 and 20 for January 1976.  
<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: January 1977 not available; December 1976, 31,463; and January 1976, 8,242.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

AREA, STATE, AND TYPE OF MATERIAL	JANUARY 29, 1977		JANUARY 1, 1977		JANUARY 31, 1976	
	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	978,928	488,960	970,488	482,837	1,124,231	559,377
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	968,750	484,570	959,781	477,967	1,113,920	554,165
ALABAMA . . . . .	135,911	68,223	127,852	63,781	149,730	74,818
CALIFORNIA . . . . .	144,183	72,771	138,858	69,866	154,548	76,700
GEORGIA . . . . .	267,285	133,782	259,567	129,510	338,588	169,248
NORTH CAROLINA . . . . .	326,702	163,058	<sup>r</sup> 341,052	<sup>r</sup> 169,338	364,762	181,017
SOUTH CAROLINA . . . . .	57,480	28,038	58,384	28,468	62,596	30,641
TENNESSEE . . . . .	11,120	5,620	10,538	5,308	20,072	10,089
TEXAS . . . . .	17,324	8,676	17,526	8,680	14,701	7,155
VIRGINIA . . . . .	8,745	4,402	6,004	3,016	8,923	4,497
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	9,600	4,068	10,160	<sup>r</sup> 4,567	9,510	4,759
REST OF UNITED STATES. . . . .	578	322	<sup>r</sup> 547	<sup>r</sup> 303	801	453
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	952,074	475,788	946,819	471,248	1,109,740	552,497
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	14,189	7,036	9,961	4,957	11,266	5,339
FOREIGN COTTON, TOTAL. . . . .	12,665	6,136	13,708	6,632	3,225	1,541
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	7,292	3,531	7,739	3,743	1,413	687
OTHER. . . . .	3,566	1,735	<sup>r</sup> 4,113	<sup>r</sup> 1,994	484	228
STAPLE LENGTH UNDER 1-1/8 INCH. INDIAN, MEXICAN, AND OTHER . . . . .	1,807	870	1,856	895	1,328	626
MANMADE FIBER STAPLE (1) . . . . .	(X)	151,307	(X)	148,492	(X)	157,127
RAYON AND ACETATE . . . . .	(X)	29,936	(X)	<sup>r</sup> 31,564	(X)	33,497
NYLON . . . . .	(X)	6,492	(X)	6,342	(X)	12,720
ACRYLIC AND MODACRYLIC. . . . .	(X)	11,094	(X)	11,713	(X)	10,786
POLYESTER . . . . .	(X)	103,128	(X)	98,104	(X)	99,316
OTHER MANMADE FIBER . . . . .	(X)	657	(X)	769	(X)	808

Note: Cotton - bales are running bales except hat imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.  
<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

	JAN. 29, 1977	JAN. 1, 1977	JAN. 31, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	6,775,744	7,392,454	6,883,463
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	6,775,530	7,392,226	6,883,147
ALABAMA . . . . .	286,451	305,297	295,258
ARIZONA . . . . .	551,410	551,094	449,836
ARKANSAS. . . . .	337,373	<sup>r</sup> 424,086	409,374
CALIFORNIA. . . . .	1,420,592	1,549,602	1,507,746
GEORGIA . . . . .	205,976	223,629	278,611
LOUISIANA . . . . .	397,163	425,069	292,345
MISSISSIPPI . . . . .	532,756	649,416	764,086
MISSOURI. . . . .	124,006	141,298	104,195
NEW MEXICO. . . . .	75,135	61,661	67,390
NORTH CAROLINA. . . . .	114,942	<sup>r</sup> 115,219	152,318
OKLAHOMA. . . . .	( <sup>1</sup> )	( <sup>1</sup> )	155,547
SOUTH CAROLINA. . . . .	279,146	247,485	271,669
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	200,482
TEXAS . . . . .	2,160,785	2,342,785	1,931,548
VIRGINIA. . . . .	-	-	-
OTHER STATES. . . . .	289,795	355,585	2,742
NEW ENGLAND. . . . .	214	228	316
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	6,714,931	7,331,922	6,823,425
AMERICAN-PIMA. . . . .	45,679	45,531	46,643
SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .			
FOREIGN COTTON, TOTAL. (2) . . . . .	15,134	15,001	13,395
STAPLE LENGTH 1-1/8 INCH OR MORE:			
EGYPTIAN AND SUDAN . . . . .	2,536	3,012	132
OTHER. . . . .			
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	12,598	11,989	13,263

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on January 29, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JANUARY 1977 (JAN. 2 TO JAN. 29)	DECEMBER 1976 (NOV. 28 TO JAN. 1, 1977)	JANUARY 1976 (JAN. 4 TO JAN. 31)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN. BALES	72,685	81,377	62,859
BLEACHERS:- RUNNING BALES . . . . .	DO	54,413	60,327	44,763
GROSS WEIGHT. . . . .	M. LBS.	34,582	38,306	28,374
OTHER CONSUMERS . . . . .	RUN. BALES	18,272	21,050	18,096
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,478	3,695	2,933
ALL OTHER STATES . . . . .	DO	14,794	17,355	15,163
STOCKS, TOTAL ( END OF PERIOD ) . . . . .	RUN. BALES	357,276	334,096	527,061
BLEACHERS:- RUNNING BALES . . . . .	DO	187,880	181,982	234,130
GROSS WEIGHT. . . . .	M. LBS.	118,302	114,731	147,636
OTHER CONSUMERS . . . . .	RUN. BALES	41,689	41,702	37,175
PACIFIC AND MOUNTAIN STATES. . . . .	DO	6,658	6,286	3,689
ALL OTHER STATES . . . . .	DO	35,031	35,416	33,486
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	20,653	14,245	58,860
PACIFIC AND MOUNTAIN STATES. . . . .	DO	20,653	14,245	58,860
ALL OTHER STATES . . . . .	DO	20,653	14,245	58,860
DIL MILLS (1) . . . . .	DO	107,054	96,167	196,896

<sup>1</sup> Estimated number of running bales based on information reported in pounds.

TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE 100 PERCENT COTTON	ACTIVE 100 PERCENT MANMADE FIBERS	ACTIVE OTHER FIBERS AND BLENDS
JANUARY 1977 (JAN. 2 TO JAN. 29)				
UNITED STATES, TOTAL . . . . .	17,874	7,424	2,163	7,157
COTTON GROWING STATES . . . . .	17,594	7,372	2,091	7,148
ALABAMA . . . . .	1,798	958	142	515
GEORGIA . . . . .	2,163	1,273	167	597
NORTH CAROLINA . . . . .	6,092	2,726	842	2,193
SOUTH CAROLINA . . . . .	6,342	1,843	857	3,401
TENNESSEE . . . . .	404	304	(D)	(D)
TEXAS . . . . .	171	36	(D)	(D)
VIRGINIA . . . . .	538	177	(D)	(D)
OTHER STATES . . . . .	86	55	(D)	27
NEW ENGLAND . . . . .	280	52	72	9
REST OF UNITED STATES . . . . .				
DECEMBER 1976 (NOV. 28 TO JAN. 1, 1977)				
UNITED STATES, TOTAL . . . . .	17,897	7,500	2,162	7,085
COTTON GROWING STATES . . . . .	17,617	7,451	2,089	7,079
ALABAMA . . . . .	1,792	968	139	515
GEORGIA . . . . .	2,169	1,281	169	574
NORTH CAROLINA . . . . .	6,067	2,764	827	2,166
SOUTH CAROLINA . . . . .	6,389	1,851	867	3,399
TENNESSEE . . . . .	407	318	(D)	(D)
TEXAS . . . . .	171	36	(D)	(D)
VIRGINIA . . . . .	536	178	(D)	(D)
OTHER STATES . . . . .	86	55	(D)	25
NEW ENGLAND . . . . .	280	49	73	6
REST OF UNITED STATES . . . . .				

(D) Data withheld to avoid disclosing figures for individual companies.



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JANUARY 1977 (JAN. 2 TO JAN. 29)				
UNITED STATES, TOTAL . . . . .	8,223	3,624	1,011	3,588
COTTON GROWING STATES . . . . .	8,182	3,612	985	3,585
ALABAMA . . . . .	763	475	64	224
GEORGIA . . . . .	989	552	67	370
NORTH CAROLINA . . . . .	2,825	1,388	397	1,040
SOUTH CAROLINA . . . . .	3,038	916	417	1,705
TENNESSEE . . . . .	217	157	(D)	(D)
TEXAS . . . . .	63	7	(D)	(D)
VIRGINIA . . . . .	245	89	(D)	(D)
OTHER STATES . . . . .	42	28	(D)	(D)
NEW ENGLAND . . . . .	41	12	26	3
REST OF UNITED STATES . . . . .				
DECEMBER 1976 (NOV. 28 TO JAN. 1, 1977)				
UNITED STATES, TOTAL . . . . .	8,988	3,992	1,133	3,863
COTTON GROWING STATES . . . . .	8,936	3,975	1,100	3,861
ALABAMA . . . . .	886	549	74	263
GEORGIA . . . . .	1,089	608	87	394
NORTH CAROLINA . . . . .	3,020	1,528	414	1,078
SOUTH CAROLINA . . . . .	3,339	981	480	1,878
TENNESSEE . . . . .	243	182	(D)	(D)
TEXAS . . . . .	55	7	(D)	(D)
VIRGINIA . . . . .	257	89	(D)	(D)
OTHER STATES . . . . .	47	31	(D)	(D)
NEW ENGLAND . . . . .	52	17	33	2
REST OF UNITED STATES . . . . .				

(D) Data withheld to avoid disclosing figures for individual companies.  
previously published figures.

<sup>r</sup> Revised by 5 percent or more from

TABLE 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JANUARY 1977 (JAN. 2 TO JAN. 29)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	515,512	384,311	103,029	28,172
STOCKS (2). . . . .	BALES	978,928	714,117	195,232	69,579
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	147,729	99,255	27,109	21,365
STOCKS. . . . .	M LBS	151,307	96,886	31,594	22,827
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	30,318	18,452	6,979	4,887
STOCKS . . . . .	M LBS	29,936	17,783	7,564	4,589
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	117,411	80,803	20,130	16,478
STOCKS . . . . .	M LBS	121,371	79,103	24,030	18,238
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,874	12,880	3,752	1,242
HOURS OPERATED. . . . .	MILLIONS	8,223	5,926	1,785	512
DECEMBER 1976 (NOV. 28 TO JAN. 1, 1977)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	582,441	438,825	114,893	28,723
STOCKS (2). . . . .	BALES	970,488	712,974	<sup>r</sup> 193,867	63,647
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	166,532	112,702	30,322	23,508
STOCKS. . . . .	M LBS	148,492	94,480	31,345	22,667
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	34,017	21,201	7,634	5,182
STOCKS . . . . .	M LBS	<sup>r</sup> 31,564	<sup>r</sup> 18,364	7,703	<sup>r</sup> 5,497
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	132,515	91,501	22,688	18,326
STOCKS . . . . .	M LBS	116,928	76,116	23,642	17,170
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,897	12,913	3,739	1,245
HOURS OPERATED. . . . .	MILLIONS	8,988	6,487	1,951	550

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for January 1977 and 25 for December 1976.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

TABLE 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	December 1976	November 1976	Cotton season 5 months through December 1976 <sup>1</sup>
Cotton			
Total.....	376,148	265,429	1,475,226
Canada.....	8,771	18,893	70,153
India.....	-	53,295	136,620
South Vietnam.....	-	-	-
Indonesia.....	6,760	3,773	69,934
Republic of Philippines.....	5,121	7,745	40,957
Republic of Korea.....	84,094	29,526	312,938
China-Taiwan.....	17,451	14,824	96,129
Japan.....	128,752	75,284	364,570
Other countries.....	125,199	62,089	383,925
Linters			
Total.....	17,838	23,191	92,443
Canada.....	2,231	3,598	13,361
Mexico.....	96	-	167
United Kingdom.....	1 110	-	219
Federal Republic of Germany.....	3,644	7,437	30,486
Japan.....	10,462	10,268	41,396
Other countries.....	1,295	1,888	6,814
Manmade fiber staple and tow			
Total.....	23,261	20,386	120,529
Canada.....	7,652	5,181	33,278
Brazil.....	537	992	3,791
United Kingdom.....	745	332	4,188
Netherlands.....	-	4	55
Belgium.....	1,764	1,826	9,819
Federal Republic of Germany.....	391	248	1,698
Switzerland.....	877	472	2,501
U.S.S.R.....	11	-	13
Hong Kong.....	343	1,979	8,133
Japan.....	106	103	588
Australia.....	865	1,073	5,783
Other countries.....	9,970	8,170	50,682

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 26633220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS

(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	December 1976	November 1976	Cotton season 5 months through December 1976 <sup>1</sup>
Cotton			
Total.....	573	-	31,936
Mexico.....	-	-	18,425
Peru.....	136	-	10,145
Brazil.....	-	-	-
India.....	-	-	595
Egypt.....	-	-	71
Sudan.....	437	-	2,186
Other countries.....	-	-	514
Linters			
Total.....	3,121	4,603	16,033
Mexico.....	2,672	2,568	8,380
Brazil.....	449	307	1,309
Other countries.....	-	1,728	6,344
Manmade fiber staple and tow			
Total.....	7,982	5,895	34,731
Canada.....	615	310	2,170
United Kingdom.....	120	6	256
France.....	91	6	104
Federal Republic of Germany.....	592	392	3,063
Austria.....	2,807	3,202	13,042
Switzerland.....	1	6	9
Italy.....	506	625	2,367
Japan.....	1,717	860	8,191
Other countries.....	1,533	488	5,529

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1976 77 Forecast	1975 76 Preliminary	1974/75
Supply.....	80.4	84.6	89.2
Stock, August 1.....	22.4	30.2	24.9
Production.....	58.0	54.4	64.3
Distribution.....	80.6	84.9	88.8
Consumption.....	61.1	62.5	58.6
Stocks, July 31.....	19.5	22.4	30.2
Difference <sup>1</sup> .....	+0.2	+0.3	-0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

**REPORTING CALENDAR  
1977**

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This seasonal adjustment program is a ratio-to-moving average method. The seasonal adjustment program largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provides a better measure than the not seasonally adjusted (original) data of the month-to-month variations which are due to factors other than seasonal pattern.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

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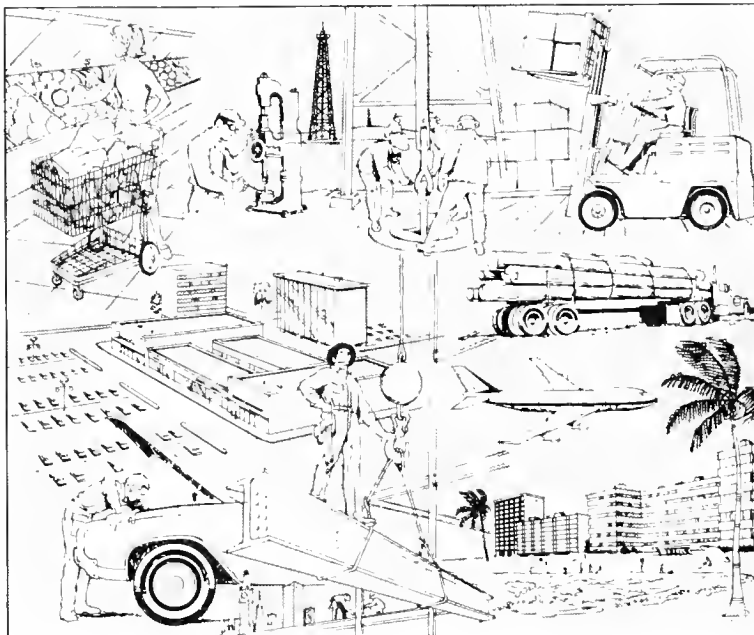
Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Paul Finn	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Dorothy Dunham	(301) 763-7472
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C  
3. 158:

# Cotton, Manmade Fiber Staple, and Linters

(Consumption and Stocks, and Spindle Activity)

FEBRUARY 1977

Issued April 1977  
M22P(77)-7



U.S. Department of Commerce  
BUREAU OF THE CENSUS

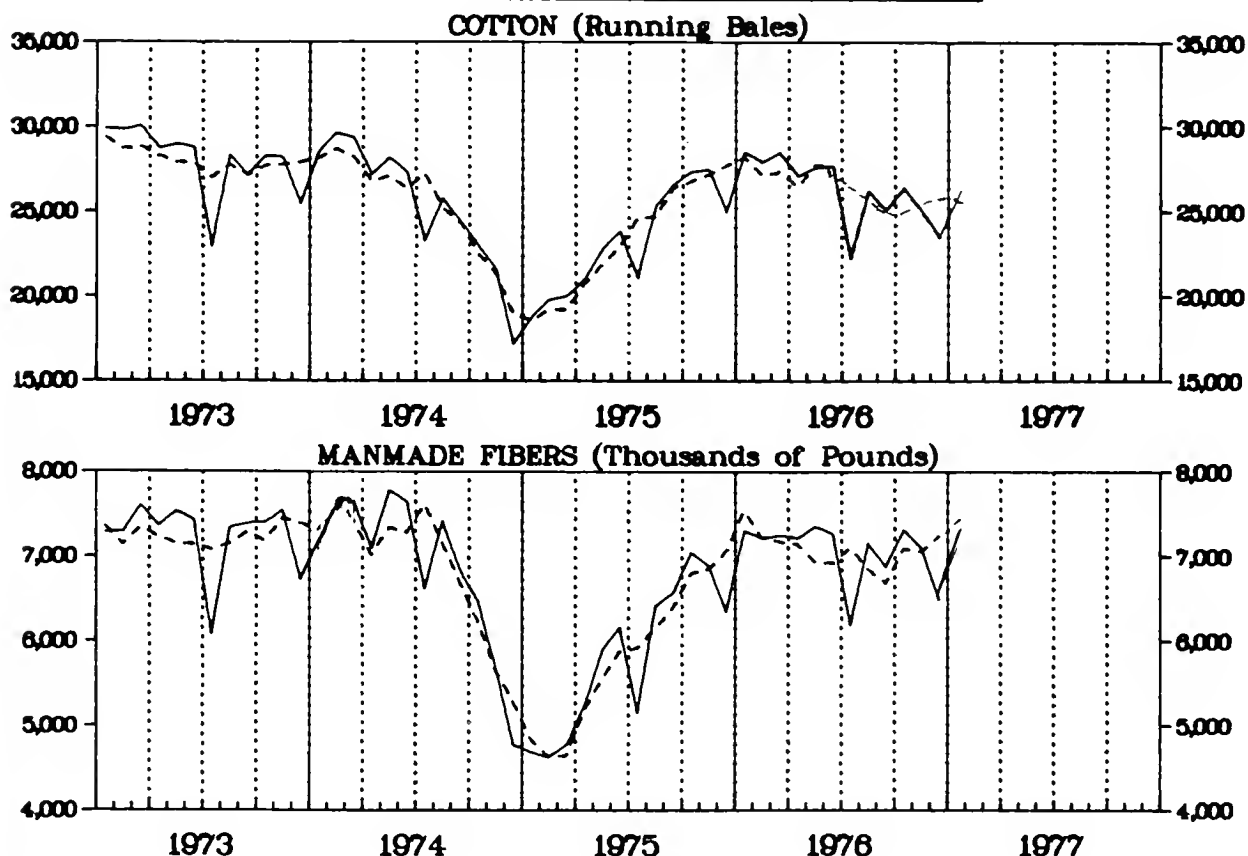
The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 13. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

1 22 P(77)-7

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977  
(Based On 1967 Daily Average = 100)

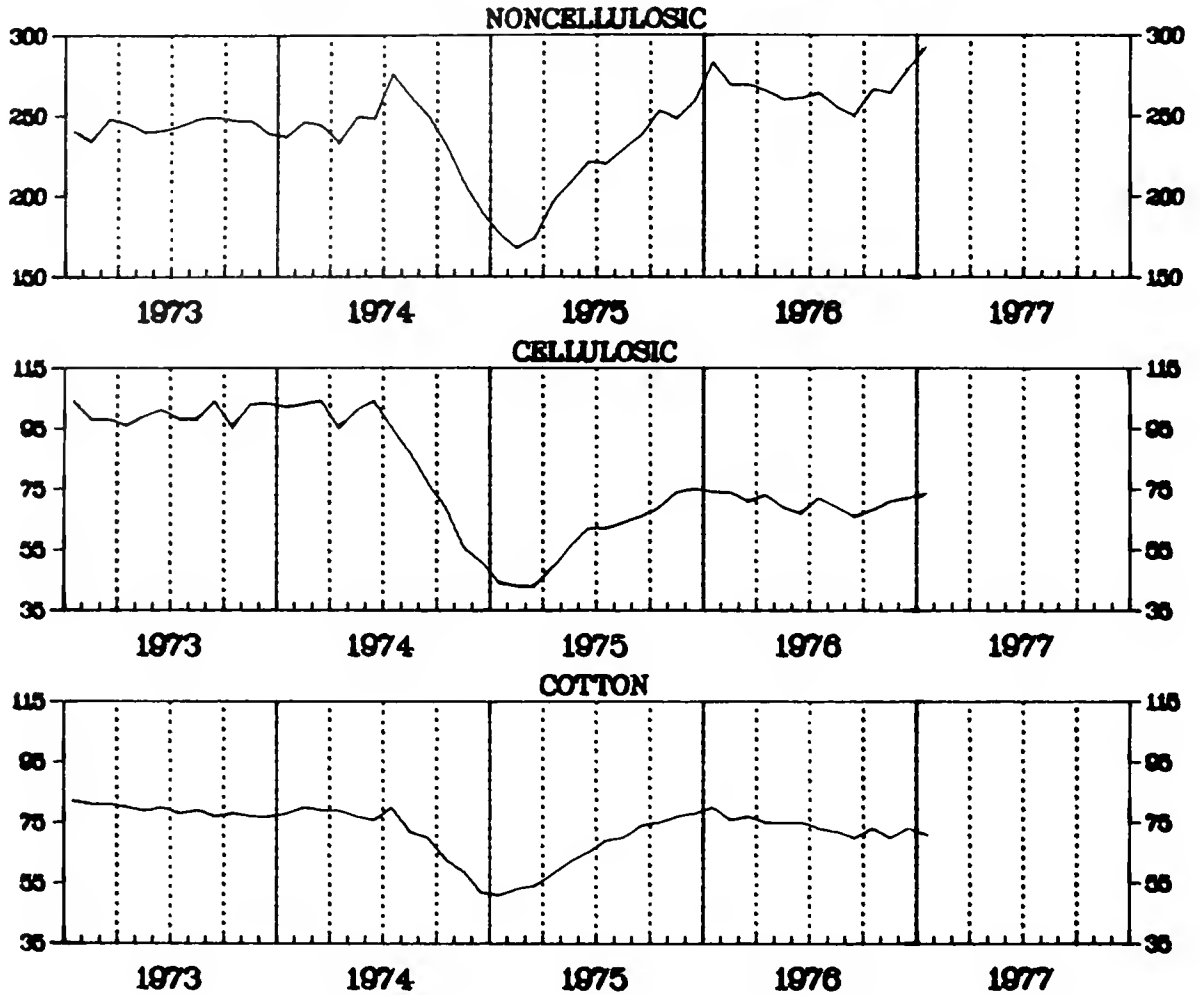


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total  (running bales)	Upland <sup>1</sup>  (running bales)	Long staple <sup>3</sup>  (running bales)	Total  (1,000 pounds)	Cellulosic  (1,000 pounds)	Noncellulosic  (1,000 pounds)			
1977									
February (4 weeks).....	25,887	25,603	284	7,771	1,553	6,218	5,143	164,094	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	26,951	396	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	26,830	309	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	27,892	318	7,546	1,571	5,975	5,462	162,995	437
1975									
December (5 weeks).....	27,717	27,381	336	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	26,893	312	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	26,484	295	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	26,099	288	6,396	1,374	5,022	7,885	120,899	397
August (4 weeks).....	24,679	24,426	253	6,152	1,332	4,820	8,362	114,584	380
July (5 weeks).....	24,632	24,395	237	5,922	1,278	4,644	8,520	110,245	376
June (4 weeks).....	22,940	22,721	219	5,878	1,223	4,655	8,271	124,057	346
May (4 weeks).....	21,881	21,649	232	5,551	1,154	4,397	7,756	123,816	331
April (5 weeks).....	20,704	20,450	254	5,184	1,051	4,133	7,404	116,885	308
March (4 weeks).....	19,212	18,990	222	4,647	928	3,719	7,170	129,768	281
February (4 weeks).....	19,184	18,957	227	4,633	959	3,674	6,830	142,839	288

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Mar. 21, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total  (millions)
	Cotton			Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total  (1,000 pounds)	
	Total  (running bales)	Upland <sup>2</sup>  (running bales)	Long staple <sup>3</sup>  (running bales)	Total  (1,000 pounds)	Cellu- losic  (1,000 pounds)	Noncel- lulosic  (1,000 pounds)			
1977									
February (4 weeks).....	26,648	26,345	303	7,765	1,547	6,218	6,851	155,069	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	28,083	395	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	27,608	329	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	28,143	335	7,298	1,538	5,760	8,008	157,127	435
1975									
December (5 weeks).....	24,977	24,698	279	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	27,162	319	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	27,014	311	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	26,282	287	6,566	1,403	5,163	3,974	130,934	403
August (4 weeks).....	25,273	25,012	261	6,410	1,363	5,047	4,532	124,095	392
July (5 weeks).....	21,079	20,882	197	5,156	1,079	4,077	5,206	115,206	328
June (4 weeks).....	23,839	23,607	232	6,165	1,328	4,837	6,046	123,189	360
May (4 weeks).....	22,766	22,515	251	5,878	1,239	4,639	6,763	118,616	346
April (5 weeks).....	21,002	20,757	245	5,237	1,054	4,183	7,552	117,560	314
March (4 weeks).....	20,010	19,788	222	4,771	948	3,823	8,418	122,631	287
February (4 weeks).....	19,768	19,526	242	4,638	957	3,681	9,077	135,269	291

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1977</b>			
February (4 weeks).....	73	73	295
January (4 weeks).....	71	73	290
<b>1976</b>			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250
August (4 weeks).....	72	69	255
July (4 weeks).....	73	72	264
June (5 weeks).....	75	67	261
May (4 weeks).....	75	69	260
April (4 weeks).....	75	73	265
March (5 weeks).....	77	71	269
February (4 weeks).....	76	74	269

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 1977 (JAN. 30 TO FEB. 26)		JANUARY 1977 (JAN. 2 TO JAN. 29)		FEBRUARY 1976 (FEB. 1 TO FEB. 28)	
	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	532,964	264,156	509,502	251,520	558,744	277,905
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	529,977	262,661	506,414	249,979	554,865	275,910
ALABAMA . . . . .	68,945	34,376	65,147	32,306	70,395	35,126
GEORGIA . . . . .	92,075	45,792	89,682	44,463	102,689	51,172
NORTH CAROLINA . . . . .	189,498	93,561	178,060	87,404	191,745	95,338
SOUTH CAROLINA . . . . .	139,987	69,385	133,137	65,841	150,053	74,395
TENNESSEE . . . . .	9,465	4,537	9,196	4,394	12,231	5,960
TEXAS . . . . .	5,366	2,725	5,091	2,585	4,699	2,411
VIRGINIA . . . . .	16,426	8,180	18,742	9,293	15,577	7,764
OTHER STATES. . . . .	8,215	4,105	7,359	3,693	7,476	3,744
NEW ENGLAND. . . . .	2,721	1,377	2,841	1,434	3,235	1,630
REST OF UNITED STATES. . . . .	266	118	247	107	644	365
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	526,299	260,901	503,107	248,375	551,098	274,167
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	43,436	21,685	40,413	20,085	49,817	24,632
1 INCH AND 1-1/32 INCH STAPLES. . . . .	148,140	73,182	132,203	64,921	141,162	70,086
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	291,153	144,625	289,679	143,386	314,546	156,926
STAPLES LONGER THAN 1-3/32 INCH . . . . .	26,572	13,195	25,758	12,697	30,681	15,246
STAPLES NOT SPECIFIED BY KIND . . . . .	16,998	8,214	15,054	7,286	14,892	7,277
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	3,598	1,792	3,213	1,605	6,096	3,010
FOREIGN COTTON, TOTAL. . . . .	3,067	1,463	3,182	1,540	1,550	728
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	1,303	609	1,462	706	491	227
OTHER. . . . .	1,156	551	1,106	530		
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	608	303	614	304	1,059	501
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	155,298	(X)	148,036	(X)	144,479
RAYON AND ACETATE . . . . .	(X)	30,937	(X)	30,163	(X)	31,272
NYLON . . . . .	(X)	7,243	(X)	7,610	(X)	8,140
ACRYLIC AND MODACRYLIC. . . . .	(X)	12,827	(X)	13,212	(X)	11,754
POLYESTER . . . . .	(X)	103,562	(X)	96,376	(X)	93,071
OTHER MANMADE FIBER . . . . .	(X)	729	(X)	675	(X)	242

Note: Cotton - Bales are running bales except than imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade Fiber Staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for February 1977; 20 for January 1977 and 20 for February 1976.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: February 1977, not available, January 1977, 28,448 and February 1976, 27,797.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 26, 1977		JANUARY 29, 1977		FEBRUARY 28, 1976	
	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,081,557	539,613	982,604	490,332	1,220,429	607,657
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	1,073,075	535,323	972,421	485,192	1,210,252	602,508
ALABAMA . . . . .	143,065	71,475	134,337	67,275	160,887	80,562
CALIFORNIA . . . . .	160,682	80,740	144,633	72,493	166,796	83,338
GEORGIA . . . . .	281,881	140,654	267,072	133,537	373,130	185,694
NORTH CAROLINA . . . . .	393,832	196,333	334,847	166,819	401,149	199,441
SOUTH CAROLINA . . . . .	57,585	28,047	57,323	27,948	63,222	31,006
TENNESSEE . . . . .	13,544	6,829	<sup>r</sup> 12,205	<sup>r</sup> 6,137	19,278	9,798
TEXAS . . . . .	15,154	7,604	<sup>r</sup> 13,259	<sup>r</sup> 6,581	17,557	8,522
VIRGINIA . . . . .	7,332	3,641	8,745	4,402	8,233	4,147
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	7,868	3,945	9,600	<sup>r</sup> 4,817	9,499	4,746
REST OF UNITED STATES . . . . .	614	345	583	323	678	403
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,055,255	526,683	956,543	477,548	1,203,596	599,346
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	16,220	8,048	13,992	6,943	13,350	6,634
FOREIGN COTTON, TOTAL . . . . .	10,082	4,882	12,069	5,841	3,483	1,677
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	5,919	2,865	<sup>r</sup> 7,289	<sup>r</sup> 3,531	1,055	512
OTHER . . . . .	2,633	1,282	<sup>r</sup> 3,104	<sup>r</sup> 1,505	457	216
STAPLE LENGTH UNDER 1-1/8 INCH. INDIAN, MEXICAN, AND OTHER . . . . .	1,530	735	<sup>r</sup> 1,676	805	1,971	949
MANMADE FIBER STAPLE (1) . . . . .	(X)	155,069	(X)	151,612	(X)	152,116
RAYON AND ACETATE . . . . .	(X)	33,577	(X)	30,136	(X)	33,055
NYLON . . . . .	(X)	6,630	(X)	6,475	(X)	12,739
ACRYLIC AND MODACRYLIC . . . . .	(X)	11,214	(X)	11,520	(X)	10,508
POLYESTER . . . . .	(X)	102,850	(X)	102,807	(X)	95,353
OTHER MANMADE FIBER . . . . .	(X)	798	(X)	674	(X)	461

Note: Cotton - Bales are running bales except that imports are in 500 lbs equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade Fiber Staple - Thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. X Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

	FEB. 26, 1977	JAN. 29, 1977	FEB. 28, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	5,769,727	6,724,496	6,127,760
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	5,769,565	6,724,282	6,127,461
ALABAMA . . . . .	260,072	286,758	296,468
ARIZONA . . . . .	477,373	551,341	395,652
ARKANSAS. . . . .	279,208	337,254	327,365
CALIFORNIA. . . . .	1,197,441	1,376,756	1,326,663
GEORGIA . . . . .	198,263	204,076	275,526
LOUISIANA . . . . .	293,902	<sup>r</sup> 347,976	235,647
MISSISSIPPI . . . . .	451,148	530,228	664,121
MISSOURI. . . . .	104,323	124,006	84,378
NEW MEXICO. . . . .	46,820	<sup>r</sup> 56,002	56,129
NORTH CAROLINA. . . . .	116,751	114,885	151,644
OKLAHOMA. . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA. . . . .	282,518	279,049	282,540
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	182,943
TEXAS . . . . .	1,820,806	2,227,336	1,732,755
VIRGINIA. . . . .	-	-	-
OTHER STATES. . . . .	240,940	288,615	115,630
NEW ENGLAND. . . . .	162	214	299
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	5,717,951	6,666,786	6,071,829
AMERICAN-PIMA. . . . .	36,973	<sup>r</sup> 42,576	41,888
SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .			
FOREIGN COTTON, TOTAL. (2) . . . . .	14,803	15,134	14,043
STAPLE LENGTH 1-1/8 INCH OR MORE:			
EGYPTIAN AND SUDAN . . . . .	1,955	2,536	52
OTHER. . . . .			
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	12,848	12,598	13,991

<sup>r</sup>Revised by 5 percent or more from previous published figures.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on February 26, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	FEBRUARY 1977 (JAN. 30 TO FEB. 26)	JANUARY 1977 (JAN. 2 TO JAN. 29)	FEBRUARY 1976 (FEB. 1 TO FEB. 26)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN,BALES	77,317	73,146	67,734
BLEACHERS:- RUNNING BALES . . . . .	DO	56,196	54,413	46,347
GROSS WEIGHT. . . . .	M. LBS.	35,474	34,582	29,538
OTHER CONSUMERS . . . . .	RUN,BALES	21,121	18,733	21,387
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,703	3,456	3,436
ALL OTHER STATES . . . . .	DO	17,418	15,277	17,951
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN,BALES	385,797	357,793	551,618
BLEACHERS:- RUNNING BALES . . . . .	DO	205,562	187,880	254,335
GROSS WEIGHT. . . . .	M. LBS.	129,609	118,302	160,768
OTHER CONSUMERS . . . . .	RUN,BALES	43,853	43,079	38,024
PACIFIC AND MOUNTAIN STATES. . . . .	DO	5,884	6,616	3,853
ALL OTHER STATES . . . . .	DO	37,969	36,463	34,171
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	21,708	19,485	65,205
PACIFIC AND MOUNTAIN STATES. . . . .	DO	21,708	19,485	65,205
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	114,674	107,349	194,054

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE	ACTIVE	ACTIVE
		100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
FEBRUARY 1977 (JAN. 30 TO FEB. 26)				
UNITED STATES, TOTAL . . . . .	17,811	7,326	2,221	7,226
COTTON GROWING STATES . . . . .	17,531	7,275	2,149	7,217
ALABAMA. . . . .	1,738	954	155	520
GEORGIA. . . . .	2,165	1,261	181	598
NORTH CAROLINA . . . . .	6,087	2,685	847	2,225
SOUTH CAROLINA . . . . .	6,349	1,824	888	3,376
TENNESSEE. . . . .	397	287	(D)	93
TEXAS. . . . .	171	36	29	(D)
VIRGINIA . . . . .	538	172	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .	280	51	72	9
REST OF UNITED STATES . . . . .				
JANUARY 1977 (JAN. 2 TO JAN. 29)				
UNITED STATES, TOTAL . . . . .	17,812	7,394	2,208	7,202
COTTON GROWING STATES . . . . .	17,532	7,342	2,136	7,193
ALABAMA. . . . .	1,740	974	166	501
GEORGIA. . . . .	2,162	1,273	166	603
NORTH CAROLINA . . . . .	6,092	2,707	825	2,240
SOUTH CAROLINA . . . . .	6,343	1,823	896	3,369
TENNESSEE. . . . .	400	302	(D)	(D)
TEXAS. . . . .	171	36	(D)	(D)
VIRGINIA . . . . .	538	172	(D)	(D)
OTHER STATES . . . . .	86	55	(D)	27
NEW ENGLAND . . . . .	280	52	72	9
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.  
5 percent or more from previously published figures.

<sup>r</sup>Revised by



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
FEBRUARY 1977 (JAN. 30 TO FEB. 26)				
UNITED STATES, TOTAL . . . . .	8,236	3,558	1,089	3,589
COTTON GROWING STATES . . . . .	8,191	3,544	1,061	3,586
ALABAMA. . . . .	740	455	65	220
GEORGIA. . . . .	921	558	79	284
NORTH CAROLINA . . . . .	2,876	1,389	416	1,071
SOUTH CAROLINA . . . . .	3,073	868	462	1,743
TENNESSEE. . . . .	221	150	(D)	(D)
TEXAS. . . . .	63	7	(D)	(D)
VIRGINIA . . . . .	255	88	(D)	(D)
OTHER STATES . . . . .	42	29	-	13
NEW ENGLAND . . . . .	45	14	28	3
REST OF UNITED STATES . . . . .				
JANUARY 1977 (JAN. 2 TO JAN. 29)				
UNITED STATES, TOTAL . . . . .	8,046	3,549	1,025	3,472
COTTON GROWING STATES . . . . .	8,005	3,537	999	3,469
ALABAMA. . . . .	750	474	66	210
GEORGIA. . . . .	877	536	66	275
NORTH CAROLINA . . . . .	2,808	1,370	392	1,046
SOUTH CAROLINA . . . . .	3,002	879	435	1,688
TENNESSEE. . . . .	216	156	(D)	(D)
TEXAS. . . . .	62	6	(D)	(D)
VIRGINIA . . . . .	248	88	(D)	(D)
OTHER STATES . . . . .	42	28	(D)	(D)
NEW ENGLAND . . . . .	41	12	26	3
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.  
percent or more from previously published figures.

<sup>r</sup>Revised by

TABLE 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
FEBRUARY 1977 (JAN. 30 TO FEB. 26)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	532,964	396,869	107,415	28,680
STOCKS (2). . . . .	BALES	1,081,557	786,772	211,327	83,458
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	155,298	105,602	27,473	22,223
STOCKS. . . . .	M LBS	155,069	99,443	31,792	23,834
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	30,937	19,066	7,092	4,779
STOCKS . . . . .	M LBS	33,577	19,869	8,325	5,383
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	124,361	86,536	20,381	17,444
STOCKS . . . . .	M LBS	121,492	79,574	23,467	18,451
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,811	12,828	3,739	1,244
HOURS OPERATED. . . . .	MILLIONS	8,236	5,855	1,827	554
JANUARY 1977 (JAN. 2 TO JAN. 29)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	509,502	378,437	102,486	28,579
STOCKS (2). . . . .	BALES	982,604	718,401	195,394	68,809
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	148,036	99,600	27,017	21,419
STOCKS. . . . .	M LBS	151,612	97,302	31,411	22,899
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	30,163	18,340	7,003	4,820
STOCKS . . . . .	M LBS	30,136	17,949	7,460	4,727
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	117,873	81,260	20,014	16,599
STOCKS . . . . .	M LBS	121,476	79,353	23,951	18,172
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,812	12,833	3,736	1,243
HOURS OPERATED. . . . .	MILLIONS	8,046	5,764	1,764	518

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for February 1977 and 20 for January 1977.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

TABLE 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	January 1977	December 1976	Cotton season 6 months through January 1977 <sup>1</sup>
Cotton			
Total.....	353,528	376,148	1,828,754
Canada.....	21,721	8,771	91,874
India.....	400	-	137,020
South Vietnam.....	-	-	-
Indonesia.....	7,906	6,760	77,840
Republic of Philippines.....	4,011	5,121	44,968
Republic of Korea.....	53,795	84,094	366,733
China-Taiwan.....	18,799	17,451	114,928
Japan.....	114,784	128,752	479,354
Other countries.....	132,112	125,199	516,037
Linters			
Total.....	22,731	17,838	115,174
Canada.....	2,864	2,231	16,225
Mexico.....	69	96	236
United Kingdom.....	876	110	1,095
Federal Republic of Germany.....	2,891	3,644	33,377
Japan.....	13,629	10,462	55,025
Other countries.....	2,402	1,295	9,216
Manmade fiber staple and tow			
Total.....	21,118	23,261	141,647
Canada.....	7,564	7,652	40,842
Brazil.....	434	537	4,225
United Kingdom.....	385	745	4,573
Netherlands.....	20	-	75
Belgium.....	1,290	1,764	11,109
Federal Republic of Germany.....	562	391	2,260
Switzerland.....	604	877	3,105
U.S.S.R.....	22	11	35
Hong Kong.....	93	343	8,226
Japan.....	102	106	690
Australia.....	302	865	6,085
Other countries.....	9,740	9,970	60,422

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 26633220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	January 1977	December 1976	Cotton season 6 months through January 1977 <sup>1</sup>
Cotton			
Total.....	1,753	573	33,689
Mexico.....	83	-	18,508
Peru.....	-	136	10,145
Brazil.....	-	-	-
India.....	-	-	595
Egypt.....	830	-	901
Sudan.....	-	437	2,186
Other countries.....	840	-	1,354
Linters			
Total.....	2,821	3,121	18,854
Mexico.....	2,819	2,672	11,199
Brazil.....	-	449	1,309
Other countries.....	2	-	6,346
Manmade fiber staple and tow			
Total.....	3,957	7,982	38,688
Canada.....	182	615	2,352
United Kingdom.....	49	120	305
France.....	44	91	148
Federal Republic of Germany.....	532	592	3,595
Austria.....	2,286	2,807	15,328
Switzerland.....	-	1	9
Italy.....	167	506	2,534
Japan.....	261	1,717	8,452
Other countries.....	436	1,533	5,965

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1976/77 Forecast	1975/76 Preliminary	1974/75
Supply.....	80.1	84.8	89.4
Stock, August 1.....	22.5	30.4	25.1
Production.....	57.6	54.4	64.3
Distribution.....	80.4	84.9	89.0
Consumption.....	61.1	62.4	58.6
Stocks, July 31.....	19.3	22.5	30.4
Difference <sup>1</sup> .....	+0.3	+0.1	-0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

**REPORTING CALENDAR  
1977**

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This seasonal adjustment program is a ratio-to-moving average method. The seasonal adjustment program largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provides a better measure than the not seasonally adjusted (original) data of the month-to-month variations which are due to factors other than seasonal pattern.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

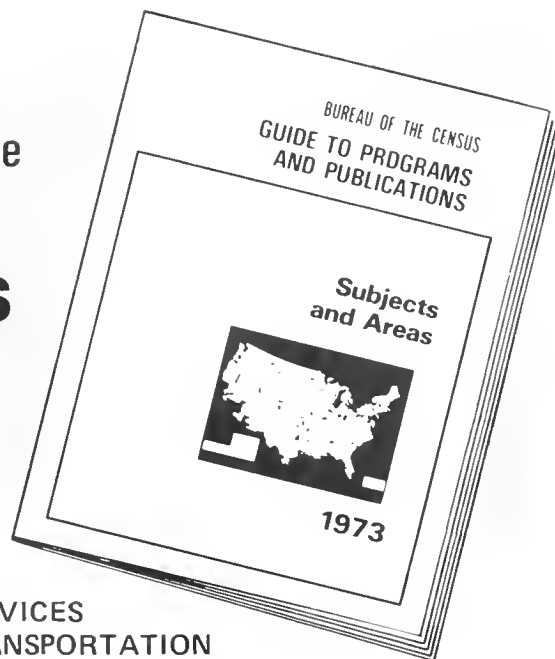
An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Paul Finn	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Dorothy Dunham	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order micro-film of Census publications	Theresa Allen	(301) 763-5042

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# Cotton, Manmade Fiber Staple, and Linters

(Consumption and Stocks, and Spindle Activity)

MARCH 1977

Issued May 1977  
M22P(77)-8



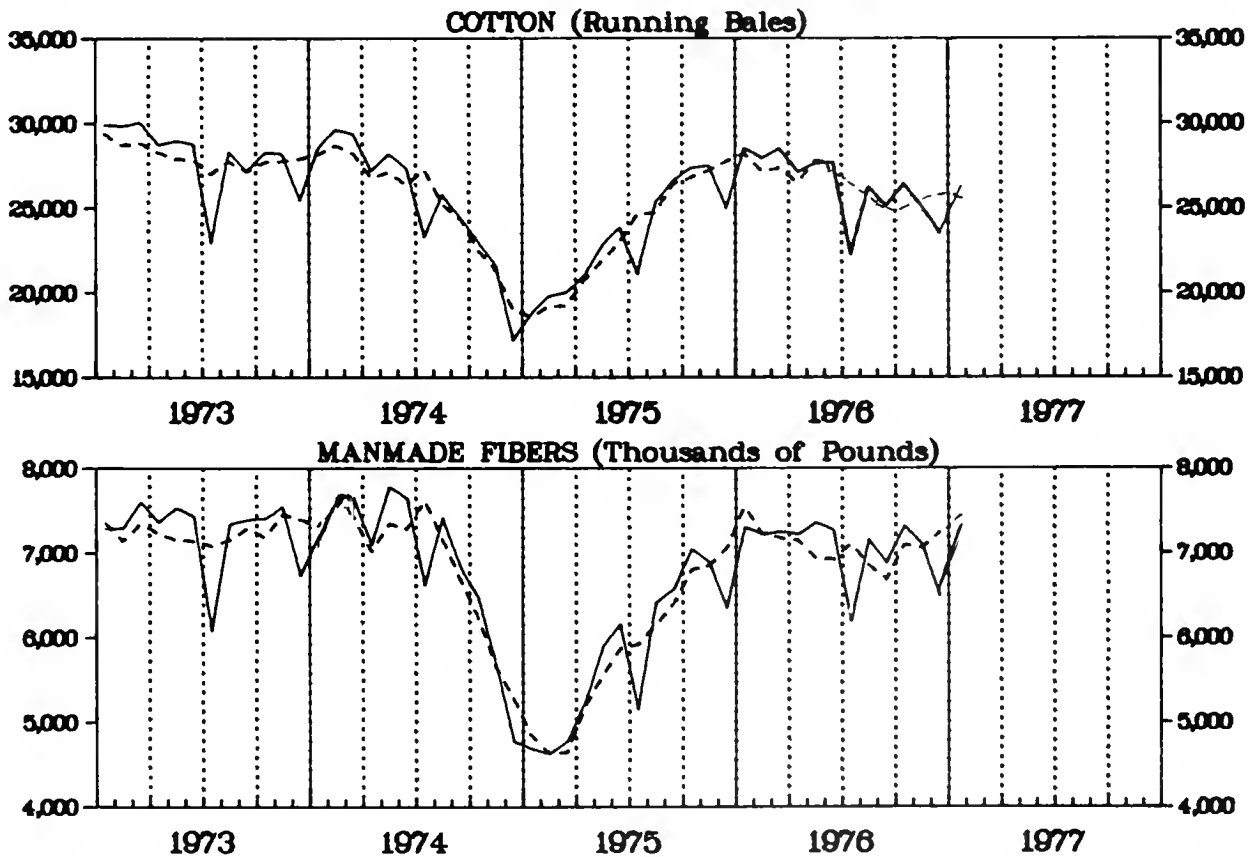
U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 13. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977  
(Based On 1967 Daily Average = 100)

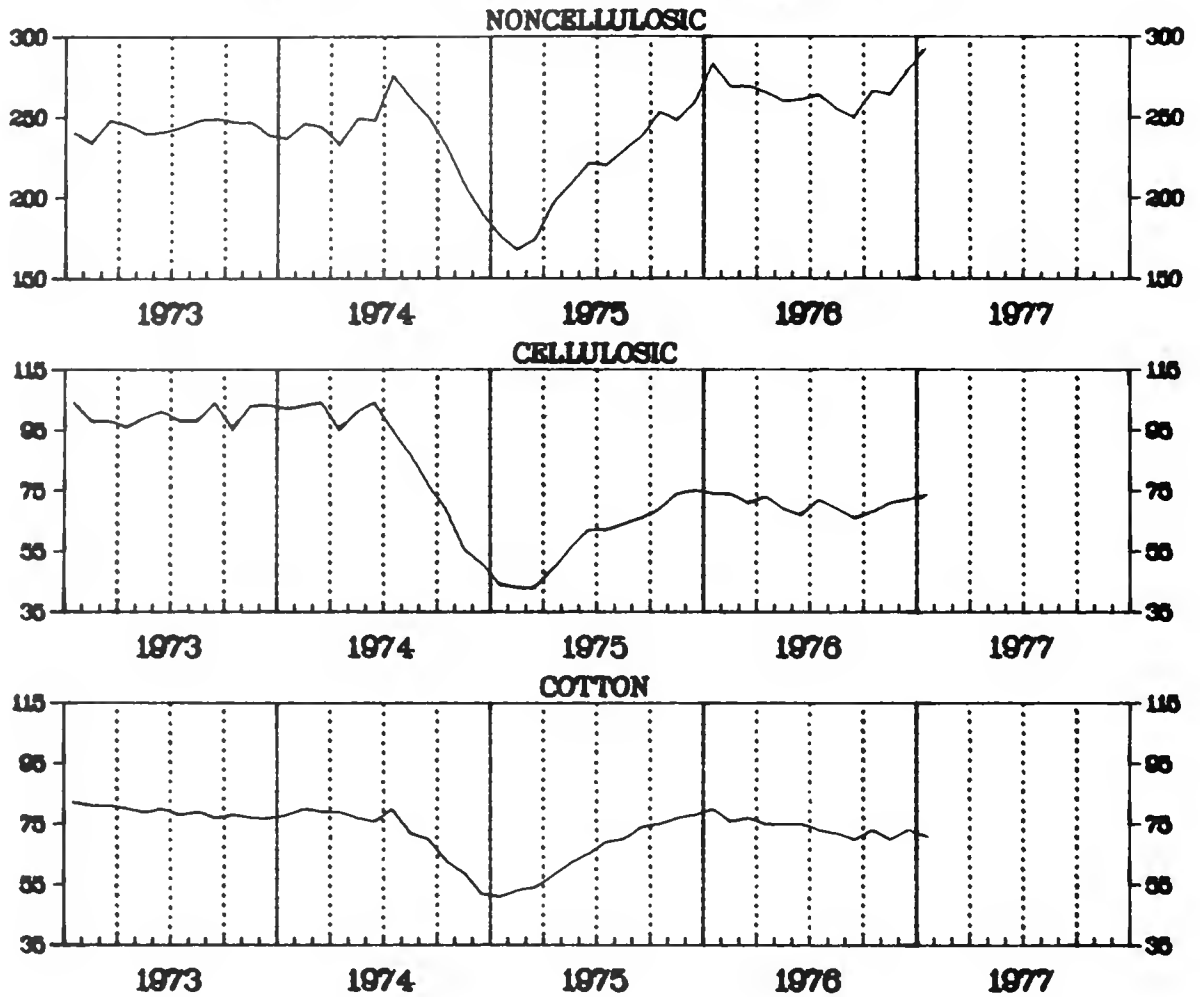


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total  (running bales)	Upland <sup>1</sup>  (running bales)	Long staple <sup>3</sup>  (running bales)	Total  (1,000 pounds)	Cellu- losic (1,000 pounds)	Noncel- lulosic (1,000 pounds)			
1977									
March (5 weeks).....	24,822	24,517	305	7,487	1,435	6,052	4,931	164,999	402
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	26,951	396	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	26,830	309	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	27,892	318	7,546	1,571	5,975	5,462	162,995	437
1975									
December (5 weeks).....	27,717	27,381	336	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	26,893	312	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	26,484	295	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	26,099	288	6,396	1,374	5,022	7,885	120,899	397
August (4 weeks).....	24,679	24,426	253	6,152	1,332	4,820	8,362	114,584	380
July (5 weeks).....	24,632	24,395	237	5,922	1,278	4,644	8,520	110,245	376
June (4 weeks).....	22,940	22,721	219	5,878	1,223	4,655	8,271	124,057	346
May (4 weeks).....	21,881	21,649	232	5,551	1,154	4,397	7,756	123,816	331
April (5 weeks).....	20,704	20,450	254	5,184	1,051	4,133	7,404	116,885	308
March (4 weeks).....	19,212	18,990	222	4,647	928	3,719	7,170	129,768	281

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, April 21, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup>
	Cotton			Manmade fibers			Cotton, total	Manmade fiber staple, total	spindle hours operated, total
	Total	Upland <sup>2</sup>	Long staple <sup>3</sup>	Total	Cellu- losic	Noncel- lulosic			
	(running bales)	(running bales)	(running bales)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 running bales)	(1,000 pounds)	(millions)
1977									
March (5 weeks).....	25,851	25,547	304	7,679	1,464	6,215	5,804	155,264	410
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	28,083	395	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	27,608	329	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	28,143	335	7,298	1,538	5,760	8,008	157,127	435
1975									
December (5 weeks).....	24,977	24,698	279	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	27,162	319	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	27,014	311	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	26,282	287	6,566	1,403	5,163	3,974	130,934	403
August (4 weeks).....	25,273	25,012	261	6,410	1,363	5,047	4,532	124,095	392
July (5 weeks).....	21,079	20,882	197	5,156	1,079	4,077	5,206	115,206	328
June (4 weeks).....	23,839	23,607	232	6,165	1,328	4,837	6,046	123,189	360
May (4 weeks).....	22,766	22,515	251	5,878	1,239	4,639	6,763	118,616	346
April (5 weeks).....	21,002	20,757	245	5,237	1,054	4,183	7,552	117,560	314
March (4 weeks).....	20,010	19,788	222	4,771	948	3,823	8,418	122,631	287

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1977			
March (5 weeks).....	70	68	287
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
1976			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250
August (4 weeks).....	72	69	255
July (4 weeks).....	73	72	264
June (5 weeks).....	75	67	261
May (4 weeks).....	75	69	260
April (4 weeks).....	75	73	265
March (5 weeks).....	77	71	269

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	MARCH 1977 (FEB. 27 TO APR. 2)		FEBRUARY 1977 (JAN. 30 TO FEB. 26)		MARCH 1976 (FEB. 29 TO APR. 3)	
	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	646,263	321,243	527,836	260,256	711,950	354,374
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	642,497	319,345	524,805	258,739	707,010	351,836
ALABAMA . . . . .	83,975	41,874	68,289	33,986	88,408	44,170
GEORGIA . . . . .	111,100	55,187	90,499	44,720	130,253	64,737
NORTH CAROLINA. . . . .	233,568	115,648	189,635	93,573	245,209	121,797
SOUTH CAROLINA. . . . .	163,320	81,478	135,953	67,386	188,378	93,858
TENNESSEE . . . . .	11,805	5,674	9,647	4,628	14,803	7,212
TEXAS . . . . .	6,742	3,460	5,252	2,668	5,806	2,939
VIRGINIA. . . . .	21,515	10,800	17,315	7,673	23,575	11,731
OTHER STATES. . . . .	10,472	5,224	8,215	4,105	10,578	5,342
NEW ENGLAND. . . . .	3,399	1,731	2,731	1,382	4,226	2,125
REST OF UNITED STATES. . . . .	367	167	300	135	714	413
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	638,034	317,161	521,351	257,068	700,385	348,657
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	47,021	23,443	41,828	20,855	64,769	32,095
1 INCH AND 1-1/32 INCH STAPLES. . . . .	170,686	84,355	143,806	70,680	176,447	87,502
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	359,853	179,284	292,251	145,104	398,372	198,680
STAPLES LONGER THAN 1-3/32 INCH . . . . .	40,812	20,321	29,421	14,607	42,199	20,996
STAPLES NOT SPECIFIED BY KIND . . . . .	19,662	9,758	14,045	5,822	18,598	9,384
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,193	2,601	3,706	1,864	9,256	4,594
FOREIGN COTTON, TOTAL. . . . .	3,036	1,481	2,779	1,324	2,309	1,123
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	1,841	900	1,225	576	608	289
OTHER. . . . .	554	257	1,026	486	-	-
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	641	324	528	262	1,701	834
MANMADE FIBER STAPLE (1) (2) . . . . .	-	191,985	-	153,199	(X)	181,225
RAYON AND ACETATE . . . . .	(X)	36,611	(X)	30,350	(X)	38,279
NYLON . . . . .	(X)	10,197	(X)	7,554	(X)	10,018
ACRYLIC AND MODACRYLIC. . . . .	(X)	17,553	(X)	13,652	(X)	16,103
POLYESTER . . . . .	(X)	126,869	(X)	100,938	(X)	116,447
OTHER MANMADE FIBER . . . . .	(X)	755	(X)	705	(X)	378

Note: Cotton - Bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for March 1977; 20 for February 1977 and 25 for March 1976.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top covered from manmade fiber tow without combing, in woolen and worsted mills as follows: March 1977, not available, February 1977, 27,596 and March 1976, 33,566.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

AREA, STATE, AND TYPE OF MATERIAL	APRIL 2, 1977		FEBRUARY 20, 1977		APRIL 3, 1976	
	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,145,561	572,975	1,083,080	540,861	1,301,451	647,150
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,137,288	568,804	1,074,717	536,671	1,291,658	642,191
ALABAMA . . . . .	149,285	74,622	140,945	70,377	179,951	88,877
CALIFORNIA. . . . .	166,335	85,152	153,591	78,829	180,027	90,114
GEORGIA . . . . .	299,557	149,650	288,658	143,948	386,870	192,753
NORTH CAROLINA. . . . .	422,682	210,371	396,285	196,639	442,147	219,939
SOUTH CAROLINA. . . . .	60,557	29,542	58,073	28,282	61,464	30,031
TENNESSEE . . . . .	14,000	7,016	13,196	6,636	18,543	9,314
TEXAS . . . . .	18,868	9,427	16,637	8,281	16,701	8,156
VIRGINIA. . . . .	6,004	3,024	7,332	3,679	5,955	3,007
OTHER STATES. . . . .	7,660	3,852	7,763	3,891	9,062	4,526
NEW ENGLAND. . . . .	613	319	600	299	731	433
REST OF UNITED STATES. . . . .						
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,119,312	560,087	1,056,464	527,785	1,276,586	634,914
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	16,772	8,291	15,395	7,627	20,278	10,023
FOREIGN COTTON, TOTAL. . . . .	9,477	4,597	11,221	5,449	4,587	2,213
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	5,069	2,457	6,227	3,017	880	409
OTHER. . . . .	2,968	1,451	3,464	1,697	403	190
STAPLE LENGTH UNDER 1-1/8 INCH. INDIAN,						
MEXICAN, AND OTHER . . . . .	1,440	689	1,530	735	3,304	1,614
MANMADE FIBER STAPLE (1) . . . . .	(X)	155,264	(X)	156,531	(X)	144,925
RAYON AND ACETATE . . . . .	(X)	33,222	(X)	32,492	(X)	32,178
NYLON . . . . .	(X)	5,869	(X)	6,483	(X)	11,690
ACRYLIC AND MODACRYLIC. . . . .	(X)	12,724	(X)	11,731	(X)	10,152
POLYESTER . . . . .	(X)	102,724	(X)	105,092	(X)	90,435
OTHER MANMADE FIBER . . . . .	(X)	725	(X)	733	(X)	470

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup> Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup> Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

	APRIL 2, 1977	FEB. 26 1977	APRIL 3, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	4,658,398	5,792,245	5,336,233
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	4,658,266	5,792,083	5,335,969
ALABAMA . . . . .	245,574	263,245	272,037
ARIZONA . . . . .	410,705	475,276	301,684
ARKANSAS . . . . .	220,027	302,970	265,913
CALIFORNIA . . . . .	933,993	1,193,993	1,132,069
GEORGIA . . . . .	183,954	199,068	262,452
LOUISIANA . . . . .	238,863	293,503	174,340
MISSISSIPPI . . . . .	340,807	444,596	516,327
MISSOURI . . . . .	77,621	104,323	63,103
NEW MEXICO . . . . .	( <sup>1</sup> )	46,135	45,175
NORTH CAROLINA . . . . .	116,145	121,589	160,943
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	267,555	282,702	273,854
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	163,470
TEXAS . . . . .	1,393,443	1,823,741	1,632,801
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	229,579	240,942	71,801
NEW ENGLAND . . . . .	132	162	264
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	4,607,064	5,740,687	5,290,314
AMERICAN-PIMA . . . . .	37,244	36,791	31,881
SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .			
FOREIGN COTTON, TOTAL. (2) . . . . .	14,090	14,767	14,038
STAPLE LENGTH 1-1/8 INCH OR MORE:			
EGYPTIAN AND SUDAN . . . . .	1,827	1,919	1,033
OTHER . . . . .			
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	12,263	12,848	13,005

- Represents zero. <sup>1</sup> Revised by 5 percent or more from previously published figures.

<sup>1</sup> Included in other states in the same area.

<sup>2</sup> Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on April 2, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	MARCH 1977 (FEB. 27 TO APR. 2)	FEBRUARY 1977 (JAN. 30 TO FEB. 26)	MARCH 1976 (FEB. 29 TO APR. 3)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN,BALES	105,277	77,152	90,718
BLEACHERS:- RUNNING BALES . . . . .	DO	77,384	56,196	62,330
GROSS WEIGHT. . . . .	M. LBS.	48,763	35,474	39,548
OTHER CONSUMERS . . . . .	RUN,BALES	27,893	20,956	28,388
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,432	3,617	4,326
ALL OTHER STATES . . . . .	DO	23,461	17,339	24,062
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN,BALES	391,284	386,007	534,036
BLEACHERS:- RUNNING BALES . . . . .	DO	217,063	205,562	260,708
GROSS WEIGHT. . . . .	M. LBS.	136,883	129,609	165,079
OTHER CONSUMERS . . . . .	RUN,BALES	46,569	44,229	38,811
PACIFIC AND MOUNTAIN STATES. . . . .	DO	5,776	5,790	3,794
ALL OTHER STATES . . . . .	DO	40,793	38,439	35,017
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	23,915	21,708	69,593
PACIFIC AND MOUNTAIN STATES. . . . .	DO	23,915	21,708	69,593
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	103,737	114,508	164,924

(NA) Not available.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE  100 PERCENT COTTON	ACTIVE  100 PERCENT MANMADE FIBERS	ACTIVE  OTHER FIBERS AND BLENDS
MARCH 1977 (FEB. 27 TO APR. 2)				
UNITED STATES, TOTAL . . . . .	17,823	7,227	2,264	7,374
COTTON GROWING STATES . . . . .	17,543	7,176	2,191	7,366
ALABAMA. . . . .	1,730	953	171	534
GEORGIA. . . . .	2,235	1,240	204	674
NORTH CAROLINA . . . . .	6,055	2,686	856	2,209
SOUTH CAROLINA . . . . .	6,346	1,788	857	3,452
TENNESSEE. . . . .	389	272	(D)	101
TEXAS. . . . .	165	25	35	(D)
VIRGINIA . . . . .	537	156	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .	280	51	73	8
REST OF UNITED STATES . . . . .				
FEBRUARY 1977 (JAN. 30 TO FEB. 26)				
UNITED STATES, TOTAL . . . . .	17,797	7,266	2,205	7,313
COTTON GROWING STATES . . . . .	17,517	7,215	2,133	7,305
ALABAMA. . . . .	1,737	942	156	530
GEORGIA. . . . .	2,165	1,250	182	620
NORTH CAROLINA . . . . .	6,089	2,691	843	2,219
SOUTH CAROLINA . . . . .	6,346	1,817	856	3,440
TENNESSEE. . . . .	386	276	(D)	92
TEXAS. . . . .	171	28	29	(D)
VIRGINIA . . . . .	537	155	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .	280	51	72	8
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.  
 5 percent or more from previously published figures.

Revised by



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MARCH 1977 (FEB. 27 TO APR. 2)				
UNITED STATES, TOTAL . . . . .	10,252	4,376	1,365	4,511
COTTON GROWING STATES . . . . .	10,199	4,359	1,332	4,508
ALABAMA. . . . .	929	558	81	290
GEORGIA. . . . .	1,143	648	117	378
NORTH CAROLINA . . . . .	3,635	1,768	528	1,339
SOUTH CAROLINA . . . . .	3,774	1,056	547	2,171
TENNESSEE. . . . .	270	175	(D)	(D)
TEXAS. . . . .	77	7	(D)	(D)
VIRGINIA . . . . .	310	103	(D)	(D)
OTHER STATES . . . . .	61	44	-	17
NEW ENGLAND . . . . .	53	17	33	3
REST OF UNITED STATES . . . . .				
FEBRUARY 1977 (JAN. 30 TO FEB. 26)				
UNITED STATES, TOTAL . . . . .	8,231	3,547	1,072	3,612
COTTON GROWING STATES . . . . .	8,186	3,533	1,044	3,609
ALABAMA. . . . .	746	455	65	226
GEORGIA. . . . .	909	546	79	284
NORTH CAROLINA . . . . .	2,941	1,408	427	1,106
SOUTH CAROLINA . . . . .	3,025	866	430	1,729
TENNESSEE. . . . .	215	143	(D)	(D)
TEXAS. . . . .	63	7	(D)	(D)
VIRGINIA . . . . .	245	79	(D)	(D)
OTHER STATES . . . . .	42	29	-	13
NEW ENGLAND . . . . .	45	14	28	3
REST OF UNITED STATES . . . . .				

- Represents zero.

TABLE 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
MARCH 1977 (FEB. 27 TO APR. 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	646,263	477,421	132,521	36,321
STOCKS (2). . . . .	BALES	1,145,561	810,136	238,293	97,132
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	191,985	134,179	34,175	29,074
STOCKS. . . . .	M LBS	155,264	101,271	32,823	21,170
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	36,611	21,950	8,520	6,141
STOCKS . . . . .	M LBS	33,222	19,191	9,047	4,984
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	155,374	106,786	25,655	22,933
STOCKS . . . . .	M LBS	122,042	82,080	23,776	16,186
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,823	12,850	3,731	1,242
HOURS OPERATED. . . . .	MILLIONS	10,252	7,236	2,296	720
FEBRUARY 1977 (JAN. 30 TO FEB. 26)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	527,836	391,474	107,558	28,804
STOCKS (2). . . . .	BALES	1,083,080	782,427	216,114	84,539
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	153,199	102,856	27,565	22,778
STOCKS. . . . .	M LBS	156,531	100,785	32,187	23,559
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	30,350	18,637	6,912	4,801
STOCKS . . . . .	M LBS	32,492	18,727	8,435	5,330
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	122,849	84,219	20,653	17,977
STOCKS . . . . .	M LBS	124,039	82,058	23,752	18,229
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,797	12,827	3,728	1,242
HOURS OPERATED. . . . .	MILLIONS	8,231	5,795	1,838	598

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup> Revised by 5 percent or more from previously published figures.<sup>2</sup> Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for March 1977 and 20 for February 1977.<sup>3</sup> Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>4</sup> Represents consumption in mills with cotton system spindles.

TABLE 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	February 1977	January 1977	Cotton season 7 months through February 1977 <sup>1</sup>
Cotton			
Total.....	508,998	353,528	2,337,752
Canada.....	22,854	21,721	114,728
India.....	-	400	137,020
South Vietnam.....	-	-	-
Indonesia.....	4,447	7,906	82,287
Republic of Philippines.....	2,957	4,011	47,925
Republic of Korea.....	90,312	53,795	457,045
China-Taiwan.....	63,154	18,799	178,082
Japan.....	107,734	114,784	587,088
Other countries.....	217,540	132,112	733,577
Linters			
Total.....	14,601	22,731	129,775
Canada.....	2,732	2,864	18,957
Mexico.....	-	69	236
United Kingdom.....	-	876	1,095
Federal Republic of Germany.....	6,100	2,891	39,477
Japan.....	4,547	13,629	59,572
Other countries.....	1,222	2,402	10,438
Manmade fiber staple and tow			
Total.....	26,573	21,118	168,220
Canada.....	6,579	7,564	47,421
Brazil.....	815	434	5,040
United Kingdom.....	1,507	385	6,080
Netherlands.....	136	20	211
Belgium.....	1,788	1,290	12,897
Federal Republic of Germany.....	283	562	2,543
Switzerland.....	115	604	3,220
U.S.S.R.....	505	22	540
Hong Kong.....	1,223	93	9,449
Japan.....	85	102	775
Australia.....	1,276	302	7,361
Other countries.....	12,261	9,740	72,683

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 26633220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	February 1977	January 1977	Cotton season 7 months through February 1977 <sup>1</sup>
Cotton			
Total.....	88	1,753	33,777
Mexico.....	-	83	18,508
Peru.....	-	-	10,145
Brazil.....	-	-	-
India.....	-	-	595
Egypt.....	-	830	901
Sudan.....	-	-	2,186
Other countries.....	88	840	1,442
Linters			
Total.....	2,911	2,821	21,765
Mexico.....	2,507	2,819	13,706
Brazil.....	-	-	1,309
Other countries.....	404	2	6,750
Manmade fiber staple and tow			
Total.....	7,212	3,957	45,900
Canada.....	1,273	182	3,625
United Kingdom.....	207	49	512
France.....	45	44	193
Federal Republic of Germany.....	347	532	3,942
Austria.....	3,507	2,286	18,835
Switzerland.....	-	-	9
Italy.....	130	167	2,664
Japan.....	463	261	8,915
Other countries.....	1,240	436	7,205

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1976/77 Forecast	1975/76 Preliminary	1974/75
Supply.....	79.9	84.5	89.4
Stock, August 1.....	22.3	30.2	25.1
Production.....	57.6	54.3	64.3
Distribution.....	80.0	84.6	88.8
Consumption.....	61.1	62.3	58.6
Stocks, July 31.....	18.9	22.3	30.2
Difference <sup>1</sup> .....	+0.1	+0.1	-0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

**REPORTING CALENDAR  
1977**

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Paul Finn	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Dorothy Dunham	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order micro-film of Census publications	Theresa Allen	(301) 763-5042

## CONTACTS FOR DATA USERS



## WORLD DEMOGRAPHIC MAPS

These three maps provide specific data on the fertility, population growth, and mortality patterns of the world. They were developed by the International Statistical Programs Center of the Census Bureau for the Office of Population, Agency for International Development. Each map measures 10½ x 16 inches and is printed in color.

**World Fertility Pattern, 1972.** (ISP-WCF-72) Births per 1,000 population are indicated for each country. Four separate tones of red and yellow show levels of fertility.

**World Population Growth Patterns, 1972.** (ISP-WCG-72) Annual rate of population growth is shown by percent for the countries of the world. Four separate tones of blue and yellow show levels of growth.

**World Mortality Pattern, 1972.** (ISP-WCM-72) Deaths per 1,000 population are indicated for each country. Three separate tones of brown and yellow show levels of mortality.

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# Cotton, Manmade Fiber Staple, and Linters

(Consumption and Stocks, and Spindle Activity)

APRIL 1977

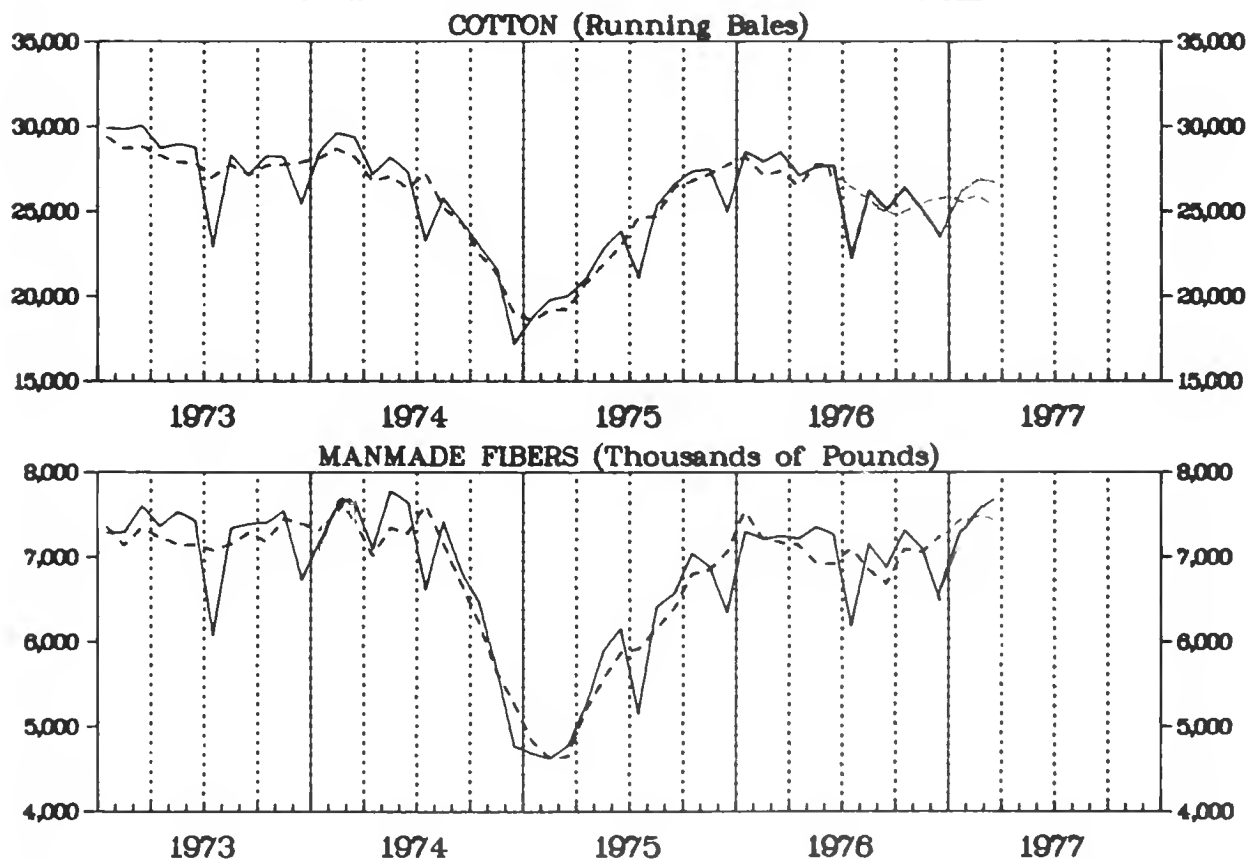
Issued May 1977  
M22P(77)-9U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 13. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

For sale by the Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price 30 cents per copy, \$3.90 per year.

INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977  
(Based On 1967 Daily Average = 100)

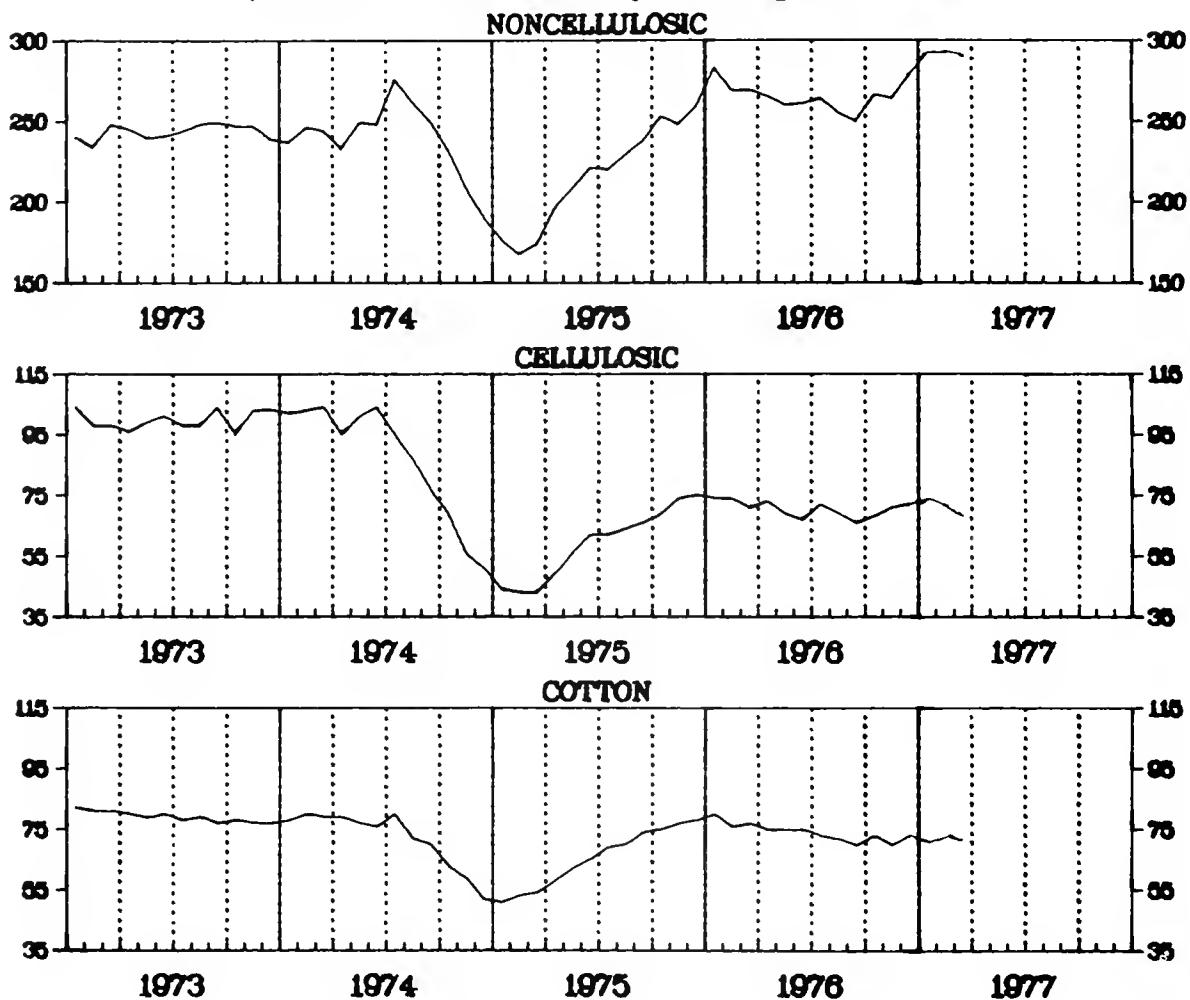


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>1</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977									
April (4 weeks).....	25,005	24,749	206	7,755	1,534	6,221	4,894	159,685	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	26,951	396	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	26,830	309	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	27,892	318	7,546	1,571	5,975	5,462	162,995	437
1975									
December (5 weeks).....	27,717	27,381	336	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	26,893	312	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	26,484	295	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	26,099	288	6,396	1,374	5,022	7,885	120,899	397
August (4 weeks).....	24,679	24,426	253	6,152	1,332	4,820	8,362	114,584	380
July (5 weeks).....	24,632	24,395	237	5,922	1,278	4,644	8,520	110,245	376
June (4 weeks).....	22,940	22,721	219	5,878	1,223	4,655	8,271	124,057	346
May (4 weeks).....	21,881	21,649	232	5,551	1,154	4,397	7,756	123,816	331
April (5 weeks).....	20,704	20,450	254	5,184	1,051	4,133	7,404	116,885	308

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, May 20, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1 8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1 8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977									
April (4 weeks).....	25,370	25,171	199	7,833	1,537	6,296	5,002	153,138	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	28,083	395	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	27,608	329	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	28,143	335	7,298	1,538	5,760	8,008	157,127	435
1975									
December (5 weeks).....	24,977	24,698	279	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	27,162	319	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	27,014	311	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	26,282	287	6,566	1,403	5,163	3,974	130,934	403
August (4 weeks).....	25,273	25,012	261	6,410	1,363	5,047	4,532	124,095	392
July (5 weeks).....	21,079	20,882	197	5,156	1,079	4,077	5,206	115,206	328
June (4 weeks).....	23,839	23,607	232	6,165	1,328	4,837	6,046	123,189	360
May (4 weeks).....	22,766	22,515	251	5,878	1,239	4,639	6,763	118,616	346
April (5 weeks).....	21,002	20,757	245	5,237	1,054	4,183	7,552	117,560	314

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1977			
April (4 weeks).....	70	72	295
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
1976			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250
August (4 weeks).....	72	69	255
July (4 weeks).....	73	72	264
June (5 weeks).....	75	67	261
May (4 weeks).....	75	69	260
April (4 weeks).....	75	73	265

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	APRIL 1977 (APR. 3 TO APR. 30)		MARCH 1977 (FEB. 27 TO APR. 2)		APRIL 1976 (APR. 4 TO MAY 1)	
	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	509,333	251,721	653,282	323,810	542,192	268,537
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	506,340	250,220	649,631	321,979	538,632	266,689
ALABAMA . . . . .	68,062	33,832	84,717	42,146	70,497	34,225
GEORGIA . . . . .	90,950	44,885	114,136	56,438	99,119	49,316
NORTH CAROLINA . . . . .	178,302	87,792	234,686	116,000	179,032	88,561
SOUTH CAROLINA . . . . .	130,704	64,784	166,083	82,468	148,102	73,753
TENNESSEE . . . . .	9,350	4,451	11,713	5,598	11,773	5,720
TEXAS . . . . .	4,887	2,487	6,526	3,349	3,982	2,047
VIRGINIA . . . . .	17,128	8,502	21,298	10,756	17,771	8,840
OTHER STATES. . . . .	6,957	3,487	10,472	5,224	8,356	4,227
NEW ENGLAND. . . . .	2,839	1,443	3,431	1,744	3,015	1,531
REST OF UNITED STATES. . . . .	154	58	220	187	545	317
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	502,994	248,573	644,670	319,530	533,171	264,111
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	41,458	20,690	46,678	23,277	47,535	23,608
1 INCH AND 1-1/32 INCH STAPLES. . . . .	127,028	62,743	172,159	84,826	133,110	66,032
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	288,587	142,821	369,510	183,833	304,411	150,785
STAPLES LONGER THAN 1-3/32 INCH . . . . .	31,233	15,503	40,052	19,892	33,659	16,792
STAPLES NOT SPECIFIED BY KIND . . . . .	14,688	6,816	16,271	7,702	14,456	6,894
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,134	2,073	5,348	2,692	6,572	3,273
FOREIGN COTTON, TOTAL. . . . .	2,205	1,075	3,264	1,588	2,449	1,153
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	1,204	583	1,808	876	1,416	665
OTHER. . . . .	573	277	814	388	169	70
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	428	215	642	324	864	418
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	156,658	(X)	193,622	(X)	144,374
RAYON AND ACETATE . . . . .	(X)	30,730	(X)	36,820	(X)	31,228
NYLON . . . . .	(X)	7,010	(X)	9,724	(X)	7,427
ACRYLIC AND MODACRYLIC. . . . .	(X)	15,504	(X)	17,612	(X)	13,365
POLYESTER . . . . .	(X)	102,472	(X)	128,702	(X)	91,877
OTHER MANMADE FIBER . . . . .	(X)	942	(X)	764	(X)	477

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup> Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup> Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for April 1977; 25 for March 1977 and 20 for April 1976.

<sup>3</sup> Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: April 1977, not available; March 1977, 34,316 and April 1976, 25,664.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

AREA, STATE, AND TYPE OF MATERIAL	APRIL 30, 1977		APRIL 2, 1977		MAY 1, 1976	
	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,158,890	577,486	1,133,737	565,316	1,359,367	675,510
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	1,150,766	573,384	1,125,469	561,156	1,349,574	670,554
ALABAMA . . . . .	152,949	75,888	149,756	74,855	183,706	91,933
CALIFORNIA . . . . .	163,511	81,941	161,331	<sup>r</sup> 80,921	184,083	92,304
GEORGIA . . . . .	300,497	149,569	296,582	147,787	397,855	198,153
NORTH CAROLINA . . . . .	434,269	217,032	419,815	209,470	481,333	237,564
SOUTH CAROLINA . . . . .	56,387	27,410	58,156	28,206	58,235	28,581
TENNESSEE . . . . .	14,415	7,216	14,248	7,140	18,188	9,138
TEXAS . . . . .	20,081	9,979	19,577	9,753	17,702	8,622
VIRGINIA . . . . .	8,657	4,349	6,004	3,024	8,472	4,259
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	7,511	3,767	7,724	3,876	9,060	4,519
REST OF UNITED STATES . . . . .	613	335	<sup>r</sup> 544	<sup>r</sup> 284	733	437
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,136,460	566,452	1,107,071	552,236	1,305,730	650,993
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	12,945	6,422	17,174	8,477	21,632	10,641
FOREIGN COTTON, TOTAL . . . . .	9,485	4,612	9,492	4,603	32,005	13,876
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	4,017	1,955	5,096	2,470	27,669	11,766
OTHER . . . . .	3,873	1,892	2,956	1,444	660	314
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	1,595	765	1,440	689	3,676	1,796
MANMADE FIBER STAPLE (1) . . . . .	(X)	153,138	(X)	155,919	(X)	145,101
RAYON AND ACETATE . . . . .	(X)	31,232	(X)	33,329	(X)	32,340
NYLON . . . . .	(X)	6,474	(X)	<sup>r</sup> 6,238	(X)	12,408
ACRYLIC AND MODACRYLIC . . . . .	(X)	11,577	(X)	12,374	(X)	10,718
POLYESTER . . . . .	(X)	103,208	(X)	103,299	(X)	89,168
OTHER MANMADE FIBER . . . . .	(X)	647	(X)	<sup>r</sup> 679	(X)	467

Note: Cotton - Bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

(X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS. EQUIVALENT GROSS BALES)

	APRIL 30, 1977	APRIL 2, 1977	MAY 1, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	3,842,934	4,720,787	4,474,935
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	3,842,818	4,720,655	4,474,217
ALABAMA . . . . .	225,238	255,735	244,561
ARIZONA . . . . .	337,371	410,705	238,051
ARKANSAS . . . . .	167,171	234,027	201,893
CALIFORNIA . . . . .	749,843	933,993	981,400
GEORGIA . . . . .	175,709	185,192	238,804
LOUISIANA . . . . .	182,849	238,863	125,631
MISSISSIPPI . . . . .	260,600	340,807	399,448
MISSOURI . . . . .	56,805	77,621	46,512
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	37,682
NORTH CAROLINA . . . . .	118,777	116,139	167,917
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	249,031	269,173	255,863
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	159,215
TEXAS . . . . .	1,074,888	1,392,572	1,318,831
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	244,536	265,828	58,409
NEW ENGLAND . . . . .	116	132	718
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	3,800,076	4,669,480	4,434,337
AMERICAN-PIMA . . . . .	32,228	37,217	25,299
SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .			
FOREIGN COTTON, TOTAL. (2) . . . . .	10,630	14,090	15,299
STAPLE LENGTH 1-1/8 INCH OR MORE:			
EGYPTIAN AND SUDAN . . . . .	1,864	1,827	2,322
OTHER . . . . .			
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	8,766	12,263	12,977

- Represents zero.

<sup>r</sup> Revised by 5 percent or more from previously published figures.

<sup>1</sup> Included in other States in the same area.

<sup>2</sup> Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on April 30, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	APRIL 1977 (APR. 3 TO APR. 30)	MARCH 1977 (FEB. 27 TO APR. 2)	APRIL 1976 (APR. 4 TO MAY 1)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN, BALES	82,719	104,372	69,097
BLEACHERS: RUNNING BALES . . . . .	DO	61,921	77,384	49,001
GROSS WEIGHT . . . . .	M. LBS.	39,189	48,763	30,998
OTHER CONSUMERS . . . . .	RUN, BALES	20,793	26,988	20,096
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,304	4,400	3,250
ALL OTHER STATES . . . . .	DO	17,494	22,588	16,846
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN, BALES	377,701	388,210	521,807
BLEACHERS: RUNNING BALES . . . . .	DO	208,386	217,063	270,694
GROSS WEIGHT . . . . .	M. LBS.	131,001	136,883	171,677
OTHER CONSUMERS . . . . .	RUN, BALES	47,186	47,449	40,097
PACIFIC AND MOUNTAIN STATES . . . . .	DO	5,773	5,762	5,074
ALL OTHER STATES . . . . .	DO	41,413	41,687	35,023
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	19,354	<sup>F</sup> 19,861	69,585
PACIFIC AND MOUNTAIN STATES . . . . .	DO	19,354	<sup>F</sup> 19,861	69,585
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	102,775	103,837	141,431

<sup>F</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running bales based on information reported in pounds.TABLE 6.--COTTON SPINNING SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE 100 PERCENT COTTON	ACTIVE 100 PERCENT MANMADE FIBERS	ACTIVE OTHER FIBERS AND BLENDS
APRIL 1977 (APRIL 3 TO APRIL 30)				
UNITED STATES, TOTAL . . . . .	17,919	7,173	2,326	7,485
COTTON GROWING STATES . . . . .	17,638	7,119	2,252	7,479
ALABAMA . . . . .	1,760	945	171	553
GEORGIA . . . . .	2,239	1,258	205	679
NORTH CAROLINA . . . . .	6,068	2,639	857	2,274
SOUTH CAROLINA . . . . .	6,344	1,760	919	3,426
TENNESSEE . . . . .	438	278	(D)	144
TEXAS . . . . .	166	25	32	(D)
VIRGINIA . . . . .	537	158	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .	281	54	74	6
REST OF UNITED STATES . . . . .				
MARCH 1977 (FEB. 27 TO APR. 2)				
UNITED STATES, TOTAL . . . . .	17,861	7,205	2,309	7,367
COTTON GROWING STATES . . . . .	17,581	7,154	2,236	7,360
ALABAMA . . . . .	1,755	936	172	555
GEORGIA . . . . .	2,235	1,240	206	668
NORTH CAROLINA . . . . .	6,056	2,681	857	2,214
SOUTH CAROLINA . . . . .	6,347	1,785	898	3,414
TENNESSEE . . . . .	400	272	(D)	111
TEXAS . . . . .	165	25	35	(D)
VIRGINIA . . . . .	537	159	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .	280	51	73	7
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>F</sup>Revised by 5 per-

cent or more from previously published figures.



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
APRIL 1977 APRIL 3 TO APRIL 30				
UNITED STATES, TOTAL . . . . .	8,201	3,504	1,075	3,622
COTTON GROWING STATES . . . . .	8,157	3,490	1,047	3,620
ALABAMA . . . . .	754	463	64	227
GEORGIA . . . . .	958	544	88	326
NORTH CAROLINA . . . . .	2,894	1,395	405	1,094
SOUTH CAROLINA . . . . .	2,996	847	445	1,704
TENNESSEE . . . . .	216	134	D	D
TEXAS . . . . .	60	5	D	D
VIRGINIA . . . . .	239	74	D	D
OTHER STATES . . . . .	40	28	-	12
NEW ENGLAND . . . . .	44	14	28	2
REST OF UNITED STATES . . . . .				
MARCH 1977 FEB. 27 TO APR. 23				
UNITED STATES, TOTAL . . . . .	10,321	4,398	1,386	4,537
COTTON GROWING STATES . . . . .	10,269	4,382	1,352	4,535
ALABAMA . . . . .	925	556	78	291
GEORGIA . . . . .	1,157	652	116	389
NORTH CAROLINA . . . . .	3,668	1,800	517	1,351
SOUTH CAROLINA . . . . .	3,790	1,050	575	2,165
TENNESSEE . . . . .	270	168	D	D
TEXAS . . . . .	77	7	D	D
VIRGINIA . . . . .	321	105	D	D
OTHER STATES . . . . .	61	44	-	17
NEW ENGLAND . . . . .	52	16	34	2
REST OF UNITED STATES . . . . .				

- Represents zero.

D Withheld to avoid disclosing figures for individual companies.

TABLE 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS-TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
APRIL 1977 (APRIL 3 TO APRIL 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	509,333	375,541	105,623	28,169
STOCKS (2) . . . . .	BALES	1,158,890	825,256	237,886	95,748
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	156,658	156,658	29,036	22,481
STOCKS . . . . .	M LBS	153,138	100,552	31,007	21,579
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	30,730	18,058	7,771	4,901
STOCKS . . . . .	M LBS	31,232	17,996	8,390	4,846
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	125,928	87,083	21,265	17,580
STOCKS . . . . .	M LBS	121,906	82,556	22,617	16,733
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,919	12,910	3,744	1,265
HOURS OPERATED . . . . .	MILLIONS	8,201	5,808	1,834	559
MARCH 1977 (FEB. 27 TO APR. 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	653,282	482,542	134,291	36,449
STOCKS (2) . . . . .	BALES	1,133,737	807,286	233,681	92,770
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	193,622	130,127	34,663	28,832
STOCKS . . . . .	M LBS	155,919	101,072	32,644	22,203
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	36,820	22,020	8,728	6,072
STOCKS . . . . .	M LBS	33,329	19,633	8,710	4,986
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	156,802	108,107	25,935	22,760
STOCKS . . . . .	M LBS	122,590	81,439	23,934	17,217
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,861	12,854	3,743	1,264
HOURS OPERATED . . . . .	MILLIONS	10,321	7,298	2,301	722

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for April 1977 and 25 for March 1977.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

TABLE 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	March 1977	February 1977	Cotton season 8 months through March 1977 <sup>1</sup>
Cotton			
Total.....	536,369	508,998	2,874,121
Canada.....	16,128	22,854	130,856
India.....	-	-	137,020
South Vietnam.....	-	-	-
Indonesia.....	17,134	4,447	99,421
Republic of Philippines.....	7,854	2,957	55,779
Republic of Korea.....	82,211	90,312	539,256
China-Taiwan.....	38,555	63,154	216,637
Japan.....	126,396	107,734	713,484
Other countries.....	248,091	217,540	981,668
Linters			
Total.....	16,464	14,601	146,239
Canada.....	4,165	2,732	23,122
Mexico.....	-	-	236
United Kingdom.....	-	-	1,095
Federal Republic of Germany.....	4,490	6,100	43,967
Japan.....	6,541	4,547	66,113
Other countries.....	1,268	1,222	11,706
Manmade fiber staple and tow			
Total.....	20,866	26,573	189,086
Canada.....	7,093	6,579	54,514
Brazil.....	248	815	5,288
United Kingdom.....	1,128	1,507	7,208
Netherlands.....	2	136	213
Belgium.....	1,874	1,788	14,771
Federal Republic of Germany.....	151	283	2,694
Switzerland.....	596	115	3,816
U.S.S.R.....	231	505	771
Hong Kong.....	983	1,223	10,432
Japan.....	42	85	817
Australia.....	363	1,276	7,724
Other countries.....	8,155	12,261	80,838

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 26633220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	March 1977	February 1977	Cotton season 8 months through March 1977 <sup>1</sup>
Cotton			
Total.....	150	88	33,927
Mexico.....	-	-	18,508
Peru.....	-	-	10,145
Brazil.....	-	-	-
India.....	-	-	595
Egypt.....	150	-	1,051
Sudan.....	-	-	2,186
Other countries.....	-	88	1,442
Linters			
Total.....	5,407	2,911	27,172
Mexico.....	3,923	2,507	17,629
Brazil.....	-	-	1,309
Other countries.....	1,484	404	8,234
Manmade fiber staple and tow			
Total.....	6,961	7,212	52,861
Canada.....	687	1,273	4,312
United Kingdom.....	142	207	654
France.....	43	45	236
Federal Republic of Germany.....	529	347	4,471
Austria.....	2,751	3,507	21,586
Switzerland.....	-	-	9
Italy.....	195	130	2,859
Japan.....	885	463	9,800
Other countries.....	1,729	1,240	8,934

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(In million bales of 480 lb. net)

Item	1976/77 Forecast	1975/76 Preliminary	1974/75
Supply.....	79.9	84.5	89.4
Stock, August 1.....	22.4	30.2	25.1
Production.....	57.5	54.3	64.3
Distribution.....	79.6	84.7	88.8
Consumption.....	61.0	62.3	58.6
Stocks, July 31.....	18.6	22.4	30.2
Difference <sup>1</sup> .....	-0.3	+0.2	-0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

REPORTING CALENDAR  
1977

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Paul Finn	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Dorothy Dunham	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order micro-film of Census publications	Theresa Allen	(301) 763-5042

## CONTACTS FOR DATA USERS



## WORLD DEMOGRAPHIC MAPS

These three maps provide specific data on the fertility, population growth, and mortality patterns of the world. They were developed by the International Statistical Programs Center of the Census Bureau for the Office of Population, Agency for International Development. Each map measures 10½ x 16 inches and is printed in color.

**World Fertility Pattern, 1972.** (ISP-WCF-72) Births per 1,000 population are indicated for each country. Four separate tones of red and yellow show levels of fertility.

**World Population Growth Patterns, 1972.** (ISP-WCG-72) Annual rate of population growth is shown by percent for the countries of the world. Four separate tones of blue and yellow show levels of growth.

**World Mortality Pattern, 1972.** (ISP-WCM-72) Deaths per 1,000 population are indicated for each country. Three separate tones of brown and yellow show levels of mortality.

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M 22 P (77) -10

# Cotton, Manmade Fiber Staple, and Linters

(Consumption and Stocks, and Spindle Activity)

MAY 1977

U.S. Department of Commerce  
BUREAU OF THE CENSUS

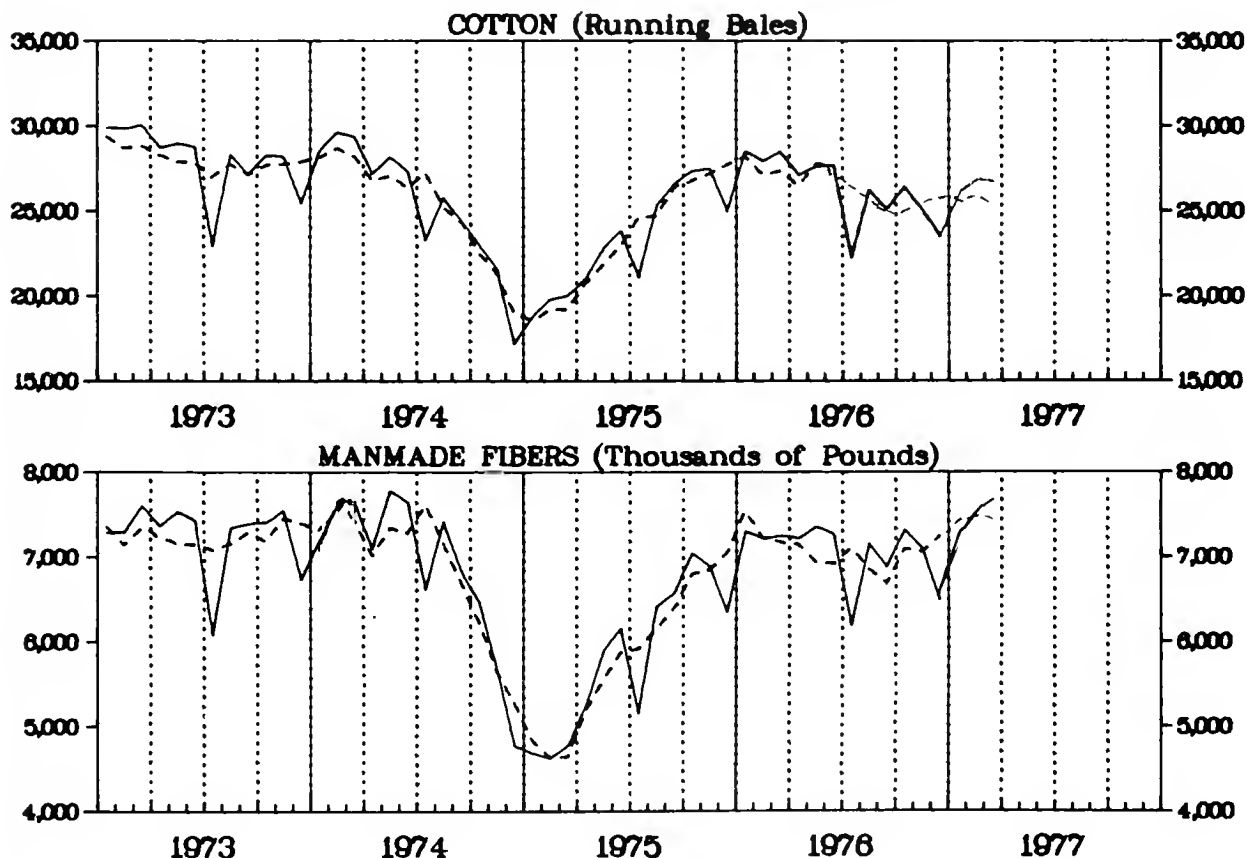
M22P(77)-10  
Issued June 1977

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 13. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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**INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977**  
(Based On 1967 Daily Average = 100)

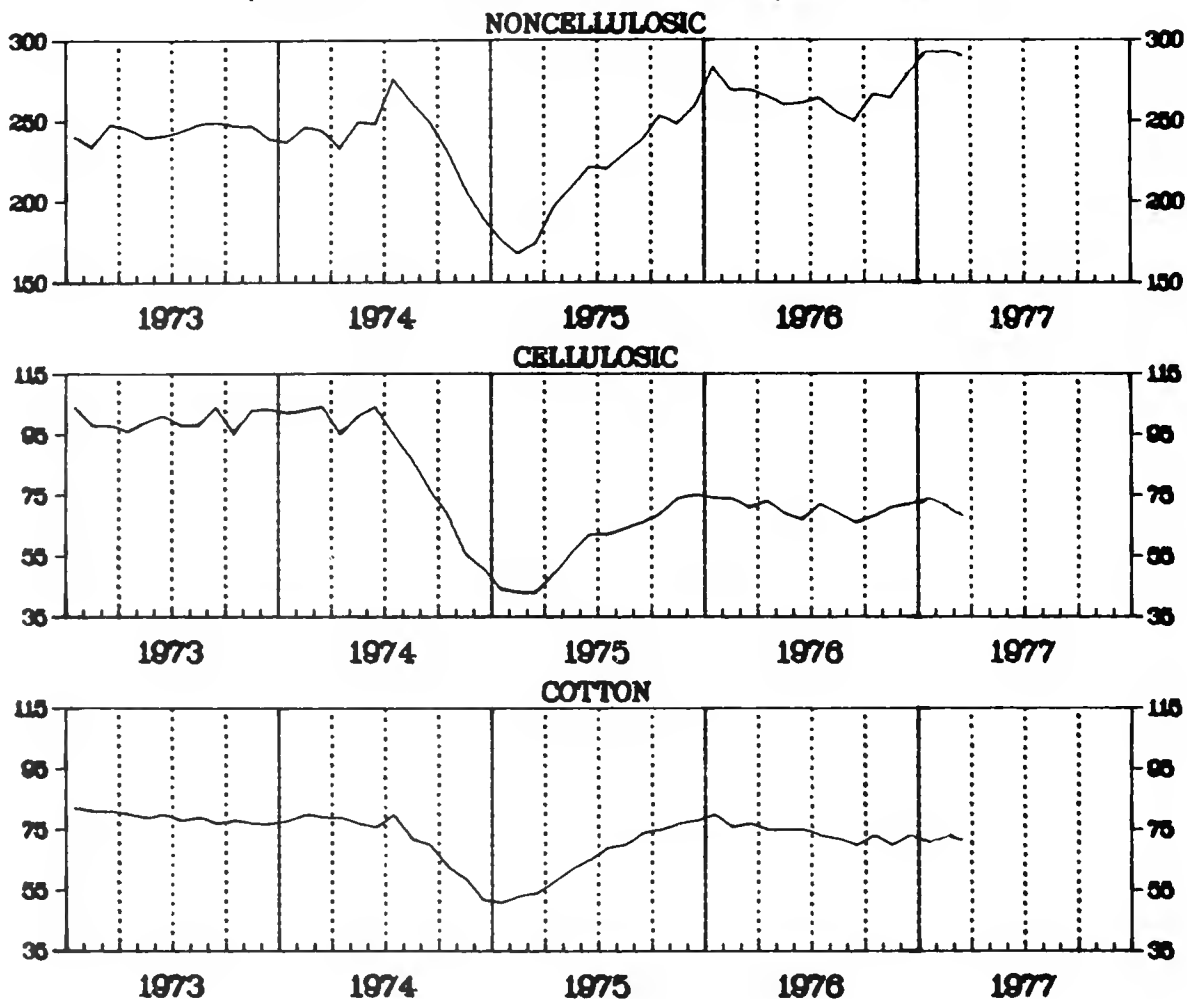


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>1</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellu- losic (1,000 pounds)	Noncel- lulosic (1,000 pounds)			
1977									
May (4 weeks).....	24,490	24,240	250	7,769	1,592	6,177	4,806	156,321	401
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	26,951	396	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	26,830	309	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	27,892	318	7,546	1,571	5,975	5,462	162,995	437
1975									
December (5 weeks).....	27,717	27,381	336	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	26,893	312	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	26,484	295	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	26,099	288	6,396	1,374	5,022	7,885	120,899	397
August (4 weeks).....	24,679	24,426	253	6,152	1,332	4,820	8,362	114,584	380
July (5 weeks).....	24,632	24,395	237	5,922	1,278	4,644	8,520	110,245	376
June (4 weeks).....	22,940	22,721	219	5,878	1,223	4,655	8,271	124,057	346
May (4 weeks).....	21,881	21,649	232	5,551	1,154	4,397	7,756	123,816	331

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, June 22, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977									
May (4 weeks).....	25,505	25,234	271	8,230	1,713	6,517	4,191	149,287	419
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	28,083	395	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	27,608	329	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	28,143	335	7,298	1,538	5,760	8,008	157,127	435
1975									
December (5 weeks).....	24,977	24,698	279	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	27,162	319	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	27,014	311	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	26,282	287	6,566	1,403	5,163	3,974	130,934	403
August (4 weeks).....	25,273	25,012	261	6,410	1,363	5,047	4,532	124,095	392
July (5 weeks).....	21,079	20,882	197	5,156	1,079	4,077	5,206	115,206	328
June (4 weeks).....	23,839	23,607	232	6,165	1,328	4,837	6,046	123,189	360
May (4 weeks).....	22,766	22,515	251	5,878	1,239	4,639	6,763	118,616	346

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1 8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1977</b>			
May (4 weeks).....	69	75	293
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
<b>1976</b>			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250
August (4 weeks).....	72	69	255
July (4 weeks).....	73	72	264
June (5 weeks).....	75	67	261
May (4 weeks).....	75	69	260

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	MAY 1977 (MAY 1 TO MAY 28)		APRIL 1977 (APRIL 3 TO APR. 30)		MAY 1976 (MAY 2 TO MAY 26)	
	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	504,389	250,465	507,170	251,115	551,838	274,001
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	501,577	249,069	504,234	249,642	547,934	272,008
ALABAMA . . . . .	68,608	34,431	67,886	33,804	67,390	33,024
GEORGIA . . . . .	89,373	44,357	90,560	44,805	104,000	51,698
NORTH CAROLINA . . . . .	172,407	85,003	177,736	87,486	192,677	95,679
SOUTH CAROLINA . . . . .	132,999	66,367	129,701	64,619	142,972	71,395
TENNESSEE . . . . .	9,796	4,698	9,350	4,451	11,827	5,743
TEXAS . . . . .	4,788	2,449	4,804	2,451	4,298	2,213
VIRGINIA . . . . .	16,008	7,962	17,231	8,533	17,902	8,799
OTHER STATES. . . . .	7,598	3,802	6,966	3,493	6,868	3,457
NEW ENGLAND. . . . .	2,711	1,359	2,839	1,439	3,298	1,642
REST OF UNITED STATES. . . . .	101	37	197	134	606	351
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	498,683	247,638	500,847	247,994	542,052	269,220
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	39,840	20,089	38,493	19,428	47,144	23,290
1 INCH AND 1-1/32 INCH STAPLES. . . . .	126,397	62,755	128,593	63,748	133,250	66,180
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	290,752	144,057	288,830	142,889	310,447	154,443
STAPLES LONGER THAN 1-3/32 INCH . . . . .	28,120	13,991	30,763	15,292	36,575	18,187
STAPLES NOT SPECIFIED BY KIND . . . . .	13,574	6,746	14,168	6,637	14,636	7,120
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	3,776	1,885	4,150	2,061	6,694	3,316
FOREIGN COTTON, TOTAL. . . . .	1,930	942	2,173	1,060	3,092	1,465
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	846	411	1,172	568	1,864	904
OTHER. . . . .	796	386	573	277	157	64
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	288	145	428	215	1,071	497
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	164,589	(X)	158,964	(X)	146,985
RAYON AND ACETATE . . . . .	(X)	34,254	(X)	30,300	(X)	31,511
NYLON . . . . .	(X)	7,884	(X)	7,730	(X)	7,876
ACRYLIC AND MODACRYLIC. . . . .	(X)	16,108	(X)	15,078	(X)	14,436
POLYESTER . . . . .	(X)	105,579	(X)	105,132	(X)	92,591
OTHER MANMADE FIBER . . . . .	(X)	764	(X)	724	(X)	571

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>F</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for May 1977; 20 for April 1977 and 20 for May 1976.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: May 1977, not available; April 1977, 28,469; and May 1976, 29,059.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

AREA, STATE, AND TYPE OF MATERIAL	MAY 28, 1977		APRIL 30, 1977		MAY 29, 1976	
	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,180,593	588,113	1,182,045	587,865	1,328,001	661,706
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,172,695	584,101	1,173,923	583,764	1,317,175	656,226
ALABAMA . . . . .	156,240	77,347	<sup>r</sup> 160,606	79,133	175,024	87,371
CALIFORNIA . . . . .	169,394	84,997	165,658	83,178	187,237	94,257
GEORGIA . . . . .	310,808	154,844	298,730	148,751	386,176	192,439
NORTH CAROLINA . . . . .	442,406	220,726	448,993	223,544	465,993	231,522
SOUTH CAROLINA . . . . .	51,128	24,869	56,387	27,410	52,395	25,634
TENNESSEE . . . . .	13,315	6,682	13,827	6,930	17,453	8,770
TEXAS . . . . .	21,390	10,620	21,065	10,469	18,822	9,157
VIRGINIA . . . . .	8,014	4,016	8,657	4,349	14,075	7,076
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	7,314	3,693	7,511	3,767	10,054	5,024
REST OF UNITED STATES . . . . .	584	319	611	334	772	456
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,157,742	576,871	1,159,206	576,626	1,280,701	638,686
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	14,497	7,173	13,249	6,577	17,165	8,475
FOREIGN COTTON, TOTAL . . . . .	8,354	4,069	9,590	4,662	30,135	14,545
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	3,519	1,715	4,122	2,005	25,019	12,040
OTHER . . . . .	3,650	1,782	3,873	1,892	508	241
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	1,185	572	1,595	765	4,608	2,264
MANMADE FIBER STAPLE (1) . . . . .	(X)	149,287	(X)	156,552	(X)	136,524
RAYON AND ACETATE . . . . .	(X)	30,233	(X)	31,391	(X)	30,745
NYLON . . . . .	(X)	7,678	(X)	<sup>r</sup> 7,180	(X)	11,203
ACRYLIC AND MODACRYLIC . . . . .	(X)	15,285	(X)	<sup>r</sup> 13,580	(X)	10,362
POLYESTER . . . . .	(X)	95,493	(X)	103,748	(X)	83,615
OTHER MANMADE FIBER . . . . .	(X)	598	(X)	653	(X)	599

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON; RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

	MAY 28, 1977	APRIL 30, 1977	MAY 29, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	3,010,474	3,825,329	3,707,558
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	3,010,378	3,825,213	3,707,056
ALABAMA . . . . .	185,571	227,403	221,162
ARIZONA . . . . .	272,153	337,371	184,981
ARKANSAS . . . . .	128,035	164,490	141,334
CALIFORNIA . . . . .	577,823	740,323	867,615
GEORGIA . . . . .	160,335	175,625	205,883
LOUISIANA . . . . .	121,857	182,849	83,619
MISSISSIPPI . . . . .	188,422	260,414	298,335
MISSOURI . . . . .	34,590	56,805	29,329
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	29,325
NORTH CAROLINA . . . . .	113,205	118,777	151,784
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	215,590	248,989	229,691
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	787,925	1,067,611	1,081,813
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	224,872	244,556	182,185
NEW ENGLAND . . . . .	96	116	502
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	2,973,533	3,782,471	3,673,296
AMERICAN-PIMA . . . . .	29,715	32,228	20,229
SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .			
FOREIGN COTTON, TOTAL, (2) . . . . .	7,226	10,630	14,033
STAPLE LENGTH 1-1/8 INCH OR MORE:			
EGYPTIAN AND SUDAN . . . . .	751	1,864	2,205
OTHER . . . . .			
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	6,475	8,766	11,828

- Represents zero.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on May 28, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	MAY 1977 (MAY 1 TO MAY 28)	APRIL 1977 (APR. 3 TO APR. 30)	MAY 1976 (MAY 2 TO MAY 29)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN. BALES	83,985	83,010	70,068
BLEACHERS:- RUNNING BALES . . . . .	DO	62,364	61,921	49,306
GROSS WEIGHT. . . . .	M. LBS.	39,113	39,189	31,485
OTHER CONSUMERS . . . . .	RUN. BALES	21,621	21,089	20,762
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,296	3,366	3,215
ALL OTHER STATES . . . . .	DO	18,325	17,723	17,547
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN. BALES	351,088	376,396	502,054
BLEACHERS:- RUNNING BALES . . . . .	DO	199,127	208,386	267,056
GROSS WEIGHT. . . . .	M. LBS.	121,930	131,001	169,075
OTHER CONSUMERS . . . . .	RUN. BALES	46,207	47,193	41,940
PACIFIC AND MOUNTAIN STATES. . . . .	DO	5,413	5,714	5,039
ALL OTHER STATES . . . . .	DO	40,794	41,479	36,901
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	20,134	20,038	64,440
PACIFIC AND MOUNTAIN STATES. . . . .	DO	20,134	20,038	64,440
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	85,620	100,779	128,618

<sup>1</sup> Revised by 5 percent or more from previously published figures.

<sup>1</sup> Estimated number of running bales based on information reported in pounds.

TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE	ACTIVE	ACTIVE
		100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MAY 1977 (May 1 to May 28)				
UNITED STATES, TOTAL . . . . .	17,887	7,274	2,322	7,582
COTTON GROWING STATES . . . . .	17,606	7,222	2,248	7,575
ALABAMA . . . . .	1,752	1,154	177	550
GEORGIA . . . . .	2,226	1,221	202	698
NORTH CAROLINA . . . . .	6,068	2,586	869	2,322
SOUTH CAROLINA . . . . .	6,327	1,735	894	3,478
TENNESSEE . . . . .	441	284	(D)	139
TEXAS . . . . .	168	26	35	(D)
VIRGINIA . . . . .	538	160	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .	281	52	74	7
REST OF UNITED STATES . . . . .				
APRIL 1977 (April 3 to April 30)				
UNITED STATES, TOTAL . . . . .	17,886	7,112	2,329	7,514
COTTON GROWING STATES . . . . .	17,605	7,058	2,255	7,508
ALABAMA . . . . .	1,757	936	173	561
GEORGIA . . . . .	2,227	1,237	202	684
NORTH CAROLINA . . . . .	6,066	2,599	861	2,295
SOUTH CAROLINA . . . . .	6,326	1,764	916	3,425
TENNESSEE . . . . .	438	278	(D)	144
TEXAS . . . . .	167	26	34	(D)
VIRGINIA . . . . .	538	162	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .	281	54	74	6
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
percent or more from previously published figures.

<sup>1</sup> Revised by 5



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MAY 1977 (May 1 to May 28)				
UNITED STATES, TOTAL . . . . .	8,380	3,455	1,157	3,768
COTTON GROWING STATES . . . . .	8,334	3,442	1,127	3,765
ALABAMA . . . . .	784	462	75	247
GEORGIA . . . . .	973	541	94	338
NORTH CAROLINA . . . . .	2,876	1,344	437	1,095
SOUTH CAROLINA . . . . .	3,136	843	469	1,824
TENNESSEE . . . . .	224	145	(D)	(D)
TEXAS . . . . .	58	6	(D)	(D)
VIRGINIA . . . . .	245	74	(D)	(D)
OTHER STATES . . . . .	38	27	-	11
NEW ENGLAND . . . . .	46	13	30	3
REST OF UNITED STATES . . . . .				
APRIL 1977 (April 3 to April 30)				
UNITED STATES, TOTAL . . . . .	8,196	3,464	1,093	3,639
COTTON GROWING STATES . . . . .	8,152	3,450	1,065	3,637
ALABAMA . . . . .	777	458	r73	r246
GEORGIA . . . . .	953	540	85	328
NORTH CAROLINA . . . . .	2,856	1,371	405	1,080
SOUTH CAROLINA . . . . .	3,012	842	453	1,717
TENNESSEE . . . . .	216	134	(D)	(D)
TEXAS . . . . .	61	6	(D)	(D)
VIRGINIA . . . . .	237	71	(D)	(D)
OTHER STATES . . . . .	40	28	-	12
NEW ENGLAND . . . . .	44	14	28	2
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>r</sup> Revised by 5 per-

cent or more from previously published figures.

TABLE 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS-TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
MAY 1977 (May 1 to May 28)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	504,389	373,758	101,477	27,154
STOCKS (2) . . . . .	BALES	1,180,593	847,400	239,672	93,521
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	164,589	108,185	32,650	23,754
STOCKS . . . . .	M LBS	149,287	93,880	32,691	22,716
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	34,254	19,705	9,666	4,883
STOCKS . . . . .	M LBS	30,233	16,970	8,150	5,113
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	130,335	88,480	22,984	18,871
STOCKS . . . . .	M LBS	119,054	76,910	24,541	17,603
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,887	12,890	3,714	1,283
HOURS OPERATED . . . . .	MILLIONS	8,380	5,932	1,889	559
APRIL 1977 (April 3 to April 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	507,170	372,252	106,404	28,514
STOCKS (2) . . . . .	BALES	1,182,045	848,237	239,173	94,635
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	158,964	106,053	30,344	22,567
STOCKS . . . . .	M LBS	156,552	99,584	34,225	22,743
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	30,300	17,872	7,830	<sup>r</sup> 4,598
STOCKS . . . . .	M LBS	31,391	17,739	8,553	<sup>r</sup> 5,099
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	128,664	88,181	<sup>r</sup> 22,514	17,969
STOCKS . . . . .	M LBS	125,161	81,845	<sup>r</sup> 25,672	<sup>r</sup> 17,644
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,886	12,882	3,726	1,278
HOURS OPERATED . . . . .	MILLIONS	8,196	5,806	1,854	536

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for May 1977 and 20 for April 1977.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

TABLE 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	April 1977	March 1977	Cotton season 9 months through April 1977 <sup>1</sup>
Cotton			
Total.....	547,546	536,369	3,421,667
Canada.....	17,574	16,128	148,430
India.....	-	-	137,020
South Vietnam.....	-	-	-
Indonesia.....	32,714	17,134	132,135
Republic of Philippines.....	7,622	7,854	63,401
Republic of Korea.....	95,081	82,211	634,337
China-Taiwan.....	72,169	38,555	288,806
Japan.....	82,802	126,396	796,286
Other countries.....	239,584	248,091	1,221,252
Linters			
Total.....	18,754	16,464	164,993
Canada.....	1,507	4,165	24,629
Mexico.....	36	-	272
United Kingdom.....	-	-	1,095
Federal Republic of Germany.....	7,788	4,490	51,755
Japan.....	7,986	6,541	74,099
Other countries.....	1,437	1,268	13,143
Manmade fiber staple and tow			
Total.....	21,247	20,866	210,333
Canada.....	4,785	7,093	59,299
Brazil.....	22	248	5,310
United Kingdom.....	841	1,128	8,049
Netherlands.....	-	2	213
Belgium.....	1,012	1,874	15,783
Federal Republic of Germany.....	429	151	3,123
Switzerland.....	575	596	4,391
U.S.S.R.....	65	231	836
Hong Kong.....	431	983	10,863
Japan.....	185	42	1,002
Australia.....	1,120	363	8,844
Other countries.....	11,782	8,155	92,620

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 2663220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	April 1977	March 1977	Cotton season 9 months through April 1977 <sup>1</sup>
Cotton			
Total.....	299	150	34,226
Mexico.....	-	-	18,508
Peru.....	-	-	10,145
Brazil.....	-	-	-
India.....	-	-	595
Egypt.....	299	150	1,350
Sudan.....	-	-	2,186
Other countries.....	-	-	1,442
Linters			
Total.....	3,549	5,407	30,721
Mexico.....	2,039	3,923	19,668
Brazil.....	42	-	1,351
Other countries.....	1,468	1,484	9,702
Manmade fiber staple and tow			
Total.....	7,336	6,961	60,197
Canada.....	583	687	4,895
United Kingdom.....	591	142	1,245
France.....	128	43	364
Federal Republic of Germany.....	938	529	5,409
Austria.....	3,119	2,751	24,705
Switzerland.....	-	-	9
Italy.....	212	195	3,071
Japan.....	628	885	10,428
Other countries.....	1,137	1,729	10,071

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1976/77 forecast	1975/76 preliminary	1974/75
Supply.....	80.2	84.7	89.5
Stock, August 1.....	22.6	30.4	25.2
Production.....	57.6	54.3	64.3
Distribution.....	79.9	84.9	88.9
Consumption.....	61.0	62.3	58.5
Stocks, July 31.....	18.9	22.6	30.4
Difference <sup>1</sup> .....	-0.3	+0.2	-0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

REPORTING CALENDAR  
1977

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

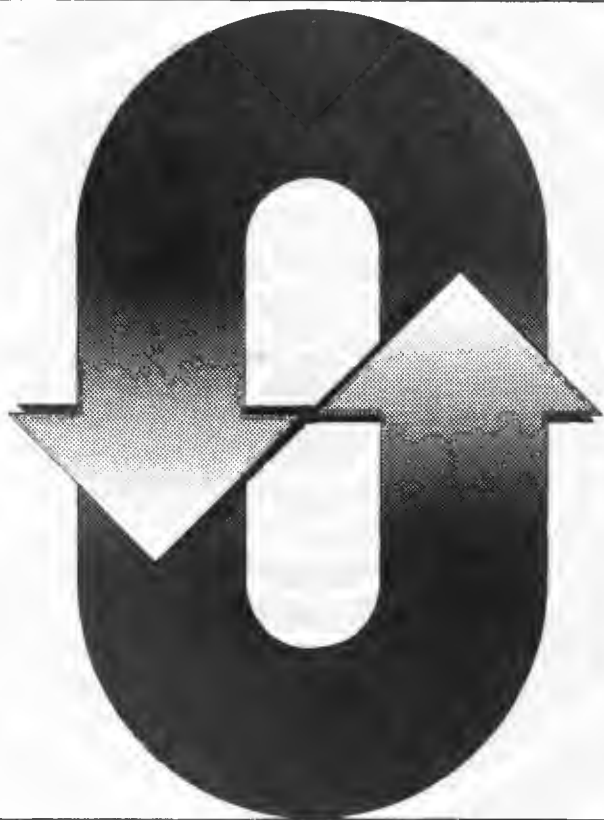
An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Paul Finn	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Dorothy Dunham	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order micro-film of Census publications	Theresa Allen	(301) 763-5042

## CONTACTS FOR DATA USERS

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# Cotton, Manmade Fiber Staple, and Linters

(Consumption and Stocks, and Spindle Activity)

JUNE 1977

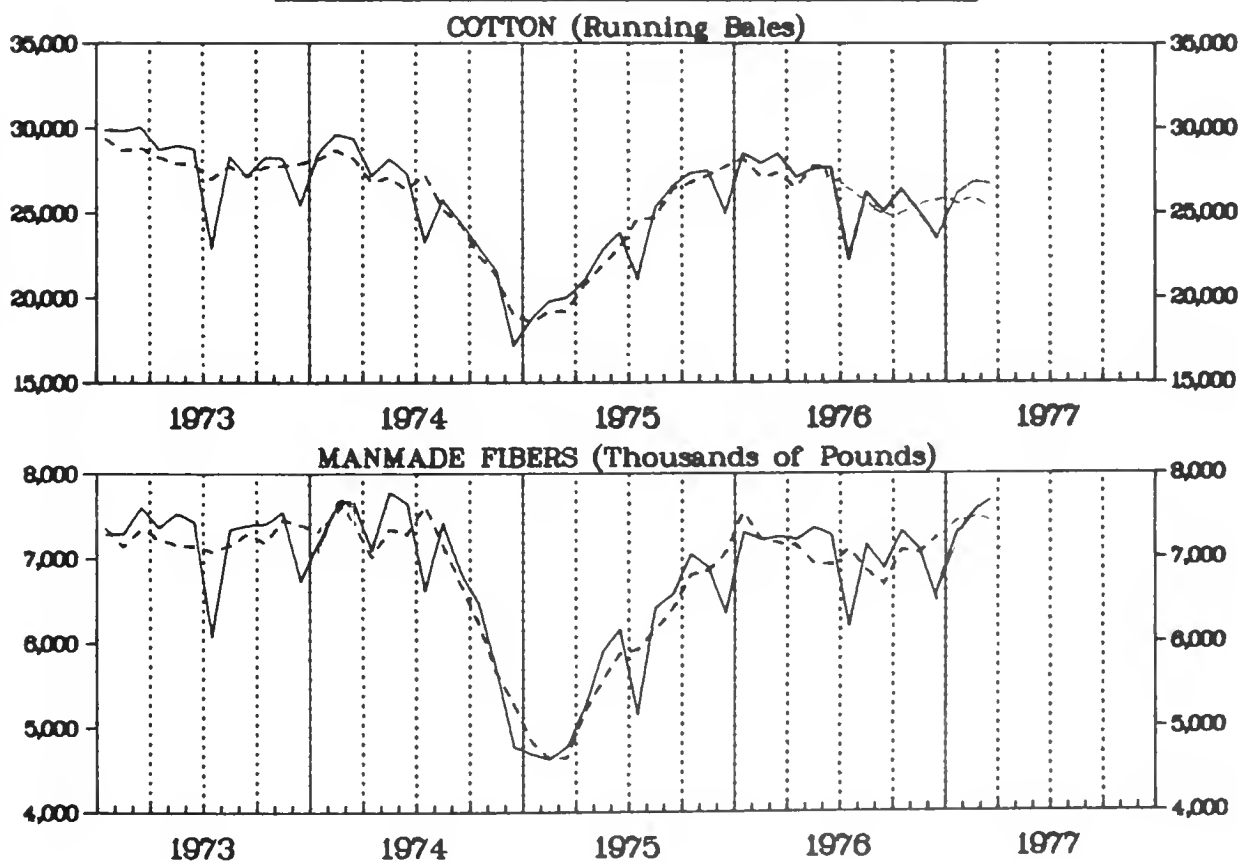
M22P(77)-11  
Issued July 1977

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 13. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



For address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Alvinia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977  
(Based On 1967 Daily Average = 100)

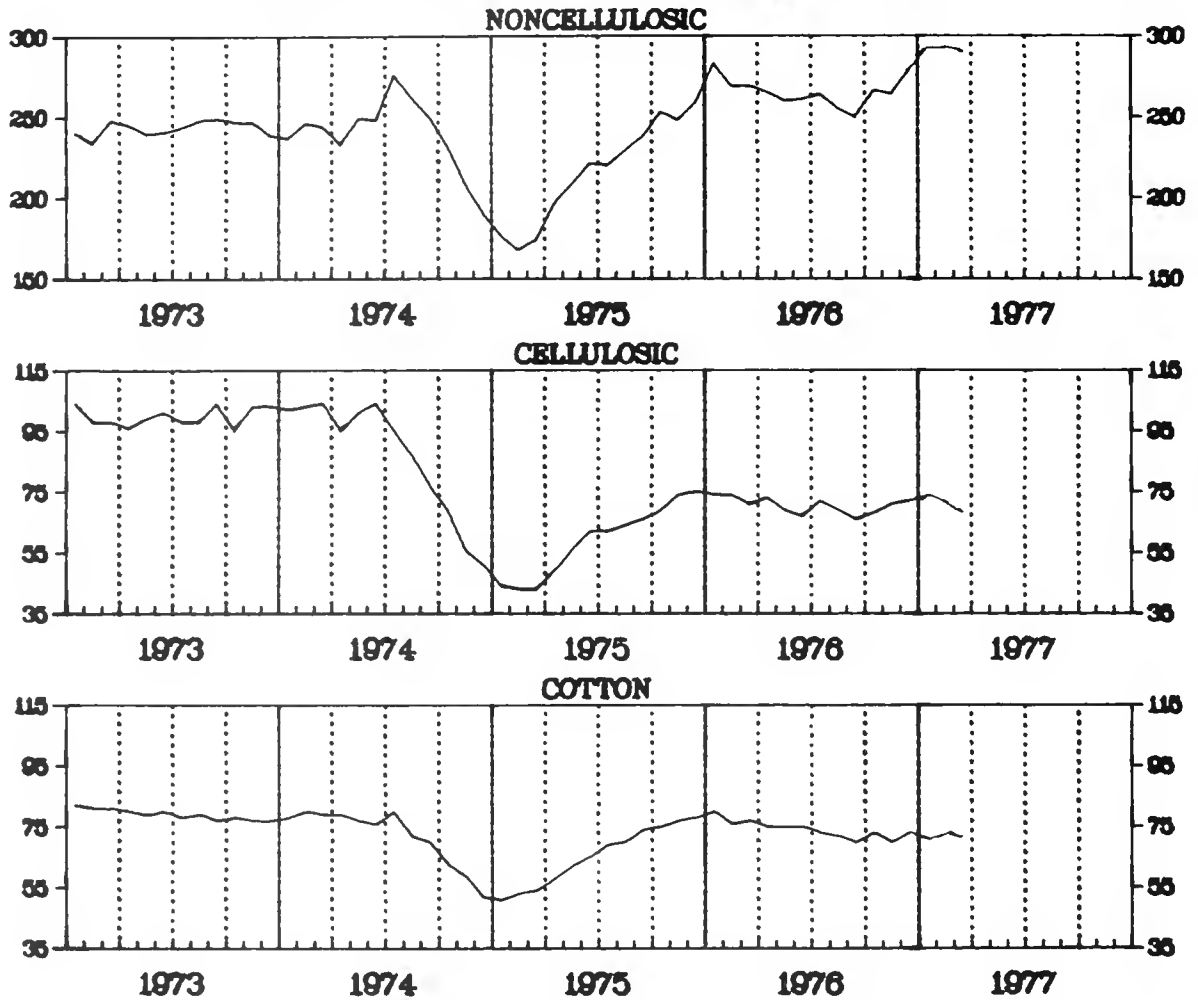


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>1</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977									
June (5 weeks).....	23,680	23,454	226	7,473	1,439	6,034	4,636	143,232	387
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	26,951	396	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	26,830	309	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	27,892	318	7,546	1,571	5,975	5,462	162,995	437
1975									
December (5 weeks).....	27,717	27,381	336	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	26,893	312	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	26,484	295	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	26,099	288	6,396	1,374	5,022	7,885	120,899	397
August (4 weeks).....	24,679	24,426	253	6,152	1,332	4,820	8,362	114,584	380
July (5 weeks).....	24,632	24,395	237	5,922	1,278	4,644	8,520	110,245	376
June (4 weeks).....	22,940	22,721	219	5,878	1,223	4,655	8,271	124,057	346

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, July 25, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup>
	Cotton			Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total  (1,000 pounds)	spindle hours operated, total  (millions)
	Total	Upland <sup>2</sup>	Long staple <sup>3</sup>	Total	Cellu- losic	Noncel- lulosic			
	(running bales)	(running bales)	(running bales)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)			
1977									
June (5 weeks).....	24,631	24,392	239	7,842	1,567	6,275	3,389	141,943	403
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	28,083	395	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	27,608	329	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	28,143	335	7,298	1,538	5,760	8,008	157,127	435
1975									
December (5 weeks).....	24,977	24,698	279	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	27,162	319	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	27,014	311	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	26,282	287	6,566	1,403	5,163	3,974	130,934	403
August (4 weeks).....	25,273	25,012	261	6,410	1,363	5,047	4,532	124,095	392
July (5 weeks).....	21,079	20,882	197	5,156	1,079	4,077	5,206	115,206	328
June (4 weeks).....	23,839	23,607	232	6,165	1,328	4,837	6,046	123,189	360

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1.8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1977			
June (5 weeks).....	67	68	286
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
1976			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250
August (4 weeks).....	72	69	255
July (4 weeks).....	73	72	264
June (5 weeks).....	75	67	261

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	JUNE 1977 (MAY 29 TO JULY 2)		MAY 1977 (MAY 1 TO MAY 28)		JUNE 1976 (MAY 30 TO JULY 3)	
	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION	TOTAL CONSUMPTION
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	615,780	305,724	507,381	251,595	691,682	344,136
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	612,472	304,086	504,535	250,185	687,508	341,984
ALABAMA . . . . .	79,854	40,062	68,316	34,226	92,467	46,287
GEORGIA . . . . .	109,402	54,362	89,466	44,411	129,347	64,340
NORTH CAROLINA . . . . .	216,340	106,946	174,053	85,939	235,996	116,895
SOUTH CAROLINA . . . . .	159,075	79,075	134,506	66,701	179,320	89,322
TENNESSEE . . . . .	11,411	5,477	9,797	4,698	13,758	6,662
TEXAS . . . . .	5,925	3,020	4,788	2,449	5,206	2,678
VIRGINIA . . . . .	20,181	10,025	16,008	7,962	20,843	10,472
OTHER STATES. . . . .	10,284	5,119	7,601	3,799	10,571	5,328
NEW ENGLAND. . . . .	3,196	1,600	2,747	1,375	3,452	1,746
REST OF UNITED STATES. . . . .	112	38	99	35	722	406
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	609,566	302,633	501,452	248,674	681,480	339,122
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	48,610	24,307	40,397	20,163	57,746	28,677
1 INCH AND 1-1/32 INCH STAPLES. . . . .	164,496	81,599	128,008	63,325	174,704	86,609
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	344,862	171,456	289,893	143,853	386,311	192,635
STAPLES LONGER THAN 1-3/32 INCH . . . . .	35,692	17,677	29,716	14,775	45,198	22,388
STAPLES NOT SPECIFIED BY KIND . . . . .	15,906	7,594	13,438	6,558	17,521	8,813
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,348	2,182	3,728	1,849	6,702	3,342
FOREIGN COTTON, TOTAL. . . . .	1,866	909	2,201	1,072	3,500	1,672
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	764	370	<sup>r</sup> 1,063	<sup>r</sup> 516	2,279	1,089
OTHER. . . . .	860	418	<sup>r</sup> 842	<sup>r</sup> 408	134	56
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	242	121	296	148	1,087	527
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	196,045	(X)	162,431	(X)	181,753
RAYON AND ACETATE . . . . .	(X)	39,179	(X)	33,428	(X)	38,592
NYLON . . . . .	(X)	9,200	(X)	7,887	(X)	8,593
ACRYLIC AND MODACRYLIC. . . . .	(X)	18,933	(X)	15,973	(X)	17,654
POLYESTER . . . . .	(X)	127,668	(X)	104,401	(X)	116,164
OTHER MANMADE FIBER . . . . .	(X)	1,065	(X)	742	(X)	750

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays, for this report, the number of work days used are: 25 for June 1977; 20 for May 1977 and 25 for June 1976.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: June 1977, not available; May 1977, 27,136 and June 1976, 32,634.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

AREA, STATE, AND TYPE OF MATERIAL	JULY 2, 1977		MAY 28, 1977		JULY 3, 1976	
	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,114,990	557,206	1,182,929	588,020	1,272,787	634,586
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,108,727	554,035	1,175,333	584,182	1,260,928	628,582
ALABAMA . . . . .	158,326	78,718	157,997	78,194	173,890	87,001
CALIFORNIA. . . . .	164,073	82,621	171,996	85,516	179,494	89,942
GEORGIA . . . . .	295,194	147,324	310,376	154,502	348,383	174,073
NORTH CAROLINA. . . . .	412,352	206,582	441,440	219,959	462,296	229,793
SOUTH CAROLINA. . . . .	43,710	21,280	50,805	24,693	49,212	23,877
TENNESSEE . . . . .	12,422	6,251	13,315	6,682	15,396	7,730
TEXAS . . . . .	17,006	8,444	21,390	10,620	20,160	10,075
VIRGINIA. . . . .	5,644	2,815	8,014	4,016	12,079	6,091
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	5,719	2,874	7,011	3,518	11,093	5,548
REST OF UNITED STATES. . . . .	544	297	585	320	766	456
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,092,391	545,788	1,159,603	576,546	1,224,758	611,190
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	13,857	7,171	14,165	7,015	19,345	9,546
FOREIGN COTTON, TOTAL. . . . .	8,742	4,247	<sup>r</sup> 9,161	<sup>r</sup> 4,459	28,684	13,850
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	4,439	2,170	<sup>r</sup> 4,196	<sup>r</sup> 2,049	24,452	11,771
OTHER. . . . .	3,157	1,537	3,624	1,771		
STAPLE LENGTH UNDER 1-1/8 INCH. INDIAN,						
MEXICAN, AND OTHER . . . . .	1,146	540	<sup>r</sup> 1,341	<sup>r</sup> 639	4,232	2,079
MANMADE FIBER STAPLE (1) . . . . .	(X)	141,943	(X)	146,811	(X)	138,239
RAYON AND ACETATE . . . . .	(X)	29,048	(X)	29,753	(X)	30,423
NYLON . . . . .	(X)	6,885	(X)	7,368	(X)	11,611
ACRYLIC AND MODACRYLIC. . . . .	(X)	12,523	(X)	14,219	(X)	11,158
POLYESTER . . . . .	(X)	92,793	(X)	94,907	(X)	84,355
OTHER MANMADE FIBER . . . . .	(X)	664	(X)	564	(X)	692

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

	JULY 3, 1977	MAY 28, 1977	JULY 3, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	2,273,863	3,013,564	2,851,872
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	2,273,781	3,013,468	2,851,643
ALABAMA . . . . .	149,285	<sup>r</sup> 195,022	193,451
ARIZONA . . . . .	190,134	272,153	143,835
ARKANSAS . . . . .	88,412	126,377	87,938
CALIFORNIA . . . . .	418,539	572,486	641,043
GEORGIA . . . . .	146,761	162,014	170,553
LOUISIANA . . . . .	75,023	121,857	54,185
MISSISSIPPI . . . . .	140,010	187,461	204,164
MISSOURI . . . . .	21,605	34,590	19,679
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	14,605
NORTH CAROLINA . . . . .	101,546	113,187	145,817
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	188,550	219,724	208,229
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	561,606	783,725	802,978
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	192,310	224,872	165,166
NEW ENGLAND . . . . .			
REST OF UNITED STATES. . . . .	82	96	229
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	2,240,222	2,975,575	2,817,942
AMERICAN-PIMA . . . . .	28,597	29,715	19,577
SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .			
FOREIGN COTTON, TOTAL. (2) . . . . .	5,044	<sup>r</sup> 8,274	14,353
STAPLE LENGTH 1-1/8 INCH OR MORE:			
EGYPTIAN AND SUDAN . . . . .	1,816	<sup>r</sup> 1,799	4,402
OTHER . . . . .			
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	3,228	6,475	9,951

- Represents zero. <sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on July 2, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JUNE 1977 (MAY 29 TO JULY 2)	MAY 1977 (MAY 1 TO MAY 28)	JUNE 1976 (MAY 30 TO JULY 3)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN,BALES	98,377	83,743	86,166
BLEACHERS:- RUNNING BALES . . . . .	DO	72,677	62,364	60,368
GROSS WEIGHT. . . . .	M. LBS.	45,464	39,113	38,206
OTHER CONSUMERS . . . . .	RUN,BALES	25,700	21,379	25,798
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,195	3,297	4,115
ALL OTHER STATES . . . . .	DO	21,505	18,082	21,683
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN,BALES	306,875	351,667	461,367
BLEACHERS:- RUNNING BALES . . . . .	DO	179,128	199,127	257,166
GROSS WEIGHT. . . . .	M. LBS.	110,549	121,930	162,881
OTHER CONSUMERS . . . . .	RUN,BALES	44,944	46,618	41,054
PACIFIC AND MOUNTAIN STATES. . . . .	DO	5,322	5,433	5,114
ALL OTHER STATES . . . . .	DO	39,622	41,185	35,940
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	17,069	20,134	51,761
PACIFIC AND MOUNTAIN STATES. . . . .	DO	17,069	20,134	51,761
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	65,734	85,788	111,386

(NA) Not available. <sup>F</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running bales based on information reported in pounds.

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TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE 100 PERCENT COTTON	ACTIVE 100 PERCENT MANMADE FIBERS	ACTIVE OTHER FIBERS AND BLENDS
JUNE 1977 (May 29 to July 2)				
UNITED STATES, TOTAL . . . . .	17,836	6,996	2,355	7,472
COTTON GROWING STATES . . . . .	17,555	6,944	2,282	7,464
ALABAMA . . . . .	1,751	942	176	548
GEORGIA . . . . .	2,225	1,237	200	698
NORTH CAROLINA . . . . .	6,068	2,544	901	2,298
SOUTH CAROLINA . . . . .	6,319	1,700	899	3,422
TENNESSEE . . . . .	401	281	(D)	103
TEXAS . . . . .	168	23	33	(D)
VIRGINIA . . . . .	537	161	(D)	(D)
OTHER STATES . . . . .	86	56	-	28
NEW ENGLAND . . . . .				
REST OF UNITED STATES . . . . .	281	52	73	8
MAY 1977 (May 1 to May 28)				
UNITED STATES, TOTAL . . . . .	17,864	7,036	2,350	7,451
COTTON GROWING STATES . . . . .	17,583	6,984	2,277	7,443
ALABAMA . . . . .	1,750	932	177	551
GEORGIA . . . . .	2,227	1,219	205	698
NORTH CAROLINA . . . . .	6,087	2,584	891	2,309
SOUTH CAROLINA . . . . .	6,327	1,727	896	3,397
TENNESSEE . . . . .	401	280	(D)	104
TEXAS . . . . .	168	26	35	(D)
VIRGINIA . . . . .	537	160	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .				
REST OF UNITED STATES . . . . .	281	52	73	8

- Represents zero.

<sup>F</sup>Revised by 5 percent or more from previously published figures.



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JUNE 1977 (May 29 to July 2)				
UNITED STATES, TOTAL . . . . .	10,079	4,159	1,-12	4,508
COTTON GROWING STATES . . . . .	10,023	4,144	1,374	4,505
ALABAMA . . . . .	920	544	89	287
GEORGIA . . . . .	1,162	645	111	406
NORTH CAROLINA . . . . .	3,524	1,546	534	1,344
SOUTH CAROLINA . . . . .	3,725	1,003	574	2,148
TENNESSEE . . . . .	273	177	(D)	(D)
TEXAS . . . . .	68	5	(D)	(D)
VIRGINIA . . . . .	300	88	(D)	(D)
OTHER STATES . . . . .	51	36	-	15
NEW ENGLAND . . . . .	56	15	38	3
REST OF UNITED STATES . . . . .				
MAY 1977 (May 1 to May 28)				
UNITED STATES, TOTAL . . . . .	8,348	3,485	1,156	3,707
COTTON GROWING STATES . . . . .	8,302	3,-71	1,127	3,704
ALABAMA . . . . .	780	459	77	244
GEORGIA . . . . .	968	542	95	331
NORTH CAROLINA . . . . .	2,877	1,346	439	1,090
SOUTH CAROLINA . . . . .	3,113	871	462	1,780
TENNESSEE . . . . .	223	144	(D)	(D)
TEXAS . . . . .	58	6	(D)	(D)
VIRGINIA . . . . .	245	74	(D)	(D)
OTHER STATES . . . . .	38	27	-	11
NEW ENGLAND . . . . .	46	14	29	3
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
percent or more from previously published figures.

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TABLE 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JUNE 1977 (May 29 to July 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2)	BALES	615,780	454,951	127,280	33,549
STOCKS (2)	BALES	1,114,990	799,115	227,920	87,955
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION	M LBS	196,045	129,537	37,166	29,342
STOCKS	M LBS	141,943	88,849	30,939	22,155
CELLULOSE: (1)					
CONSUMPTION	M LBS	39,179	22,564	10,207	6,408
STOCKS	M LBS	29,078	16,584	7,559	4,935
NONCELLULOSE: (1)					
CONSUMPTION	M LBS	156,866	106,973	26,959	22,934
STOCKS	M LBS	111,565	72,265	23,380	15,920
SPINDLE ACTIVITY:					
SPINDLES IN PLACE	THOUSANDS	17,836	12,535	3,719	1,582
HOURS OPERATED	MILLIONS	10,079	7,133	2,253	693
MAY 1977 (May 1 to May 18)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2)	BALES	507,381	376,298	103,636	27,447
STOCKS (2)	BALES	1,151,929	850,333	239,276	62,320
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION	M LBS	161,431	106,167	32,605	22,659
STOCKS	M LBS	146,811	92,122	32,487	22,202
CELLULOSE: (1)					
CONSUMPTION	M LBS	18,428	19,056	9,651	4,721
STOCKS	M LBS	29,753	17,121	7,902	4,730
NONCELLULOSE: (1)					
CONSUMPTION	M LBS	129,003	87,111	22,954	18,938
STOCKS	M LBS	117,058	75,001	22,855	17,472
SPINDLE ACTIVITY:					
SPINDLES IN PLACE	THOUSANDS	17,864	12,551	3,731	1,582
HOURS OPERATED	MILLIONS	8,348	5,918	1,873	557

Note: SIC is the abbreviation for Standard Industrial Classification.

Revised by 5 percent or more from previously published figures.

Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 15 for June 1977 and 20 for May 1977.

Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

Represents consumption in mills with cotton system spindles.

TABLE 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	May 1977	April 1977	Cotton season 10 months through May 1977 <sup>1</sup>
Cotton			
Total.....	399,746	547,546	3,821,413
Canada.....	18,818	17,574	167,248
India.....	62,073	-	199,093
South Vietnam.....	-	-	-
Indonesia.....	4,402	32,714	136,537
Republic of Philippines.....	10,464	7,622	73,865
Republic of Korea.....	89,453	95,081	723,790
China-Taiwan.....	43,156	72,169	331,962
Japan.....	63,915	82,802	860,201
Other countries.....	107,465	239,584	1,328,717
Linters			
Total.....	12,684	18,754	177,677
Canada.....	1,934	1,507	26,563
Mexico.....	-	36	272
United Kingdom.....	112	-	1,207
Federal Republic of Germany.....	3,247	7,788	55,002
Japan.....	7,391	7,986	81,490
Other countries.....	-	1,437	13,143
Manmade fiber staple and tow			
Total.....	33,200	21,247	243,533
Canada.....	4,498	4,785	63,797
Brazil.....	520	22	5,830
United Kingdom.....	951	841	9,000
Netherlands.....	-	-	213
Belgium.....	1,201	1,012	16,984
Federal Republic of Germany.....	299	429	3,422
Switzerland.....	847	575	5,238
U.S.S.R.....	-	65	836
Hong Kong.....	491	431	11,354
Japan.....	94	185	1,096
Australia.....	737	1,120	9,581
Other countries.....	23,562	11,782	116,182

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 2663220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	May 1977	April 1977	Cotton season 10 months through May 1977 <sup>1</sup>
Cotton			
Total.....	1,632	299	35,858
Mexico.....	-	-	18,508
Peru.....	-	-	10,145
Brazil.....	-	-	-
India.....	-	-	595
Egypt.....	1,564	299	2,914
Sudan.....	-	-	2,186
Other countries.....	68	-	1,510
Linters			
Total.....	11,834	3,549	42,555
Mexico.....	2,761	2,039	22,429
Brazil.....	-	42	1,351
Other countries.....	9,073	1,468	18,775
Manmade fiber staple and tow			
Total.....	7,822	7,336	68,019
Canada.....	623	583	5,518
United Kingdom.....	84	591	1,329
France.....	562	128	926
Federal Republic of Germany.....	371	938	5,780
Austria.....	4,071	3,119	28,776
Switzerland.....	-	-	9
Italy.....	191	212	3,262
Japan.....	601	628	11,029
Other countries.....	1,319	1,137	11,390

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(In million bales of 480 lb. net)

Item	1976/77 forecast	1975/76 preliminary	1974 75
Supply.....	80.4	84.7	89.5
Stock, August 1.....	22.7	30.4	25.2
Production.....	57.7	54.3	64.3
Distribution.....	80.1	85.0	88.9
Consumption.....	60.9	62.3	58.5
Stocks, July 31.....	19.2	22.7	30.4
Difference <sup>1</sup> .....	-0.3	+0.3	-0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

REPORTING CALENDAR  
1977

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

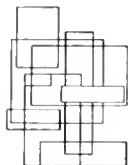
An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Paul Finn	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order micro-film of Census publications	Theresa Allen	(301) 763-5042

## CONTACTS FOR DATA USERS

# COUNTY BUSINESS PATTERNS 1974



## Now Available 1974 Data on Employment, Payrolls, & Establishments

County Business Patterns presents intercensal data on employment, number and employment size of establishments, and payrolls by 2, 3, and 4-digit levels of the Standard Industrial Classification (SIC) for States and counties. This annual series includes a separate paperbound report for the United States, each State, and the District of Columbia.

The individual State reports present for the State, number of establishments, employment, and payroll data by employment-size class to the 4-digit SIC level. Also included, by major industry group, are data on the number of establishments with 1,000 or more employees, by employment-size class.

The U.S. Summary includes data by detailed industry (4-digit SIC) level for the United States and by major group (2-digit SIC) for each State. For the U.S., number of establishments, employment, and payroll data are also provided by employment-size class to the 4-digit SIC level. Also included, by major industry group, are data on the number of establishments, employees, and payroll of administrative and auxiliary establishments.

CBP is a standard reference source of small-area data for businessmen, market researchers, and industrial and civic planners.

CBP data are especially useful for:

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- Determining location and size of sales territories
- Establishing sales quotas and advertising budgets
- Locating production, marketing, and service facilities.

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- Mining
- Contract construction
- Manufacturing
- Transportation and other public utilities
- Wholesale trade
- Retail trade
- Finance, insurance, and real estate
- Services

### Data in Other Formats

Published CBP data, by county and by industry, will be available at cost, on computer tapes. Inquiries should be addressed to Chief, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

The reports described in this announcement are also available on microfiche. For further information, contact: Census Library, Washington, D.C. 20233

For a descriptive order form, listing all available titles and prices, fill in the request below, and mail to the address shown.

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# Cotton, Manmade Fiber Staple, and Linters

(Consumption and Stocks, and Spindle Activity)

JULY 1977

M22P(77)-12

Issued August 1977



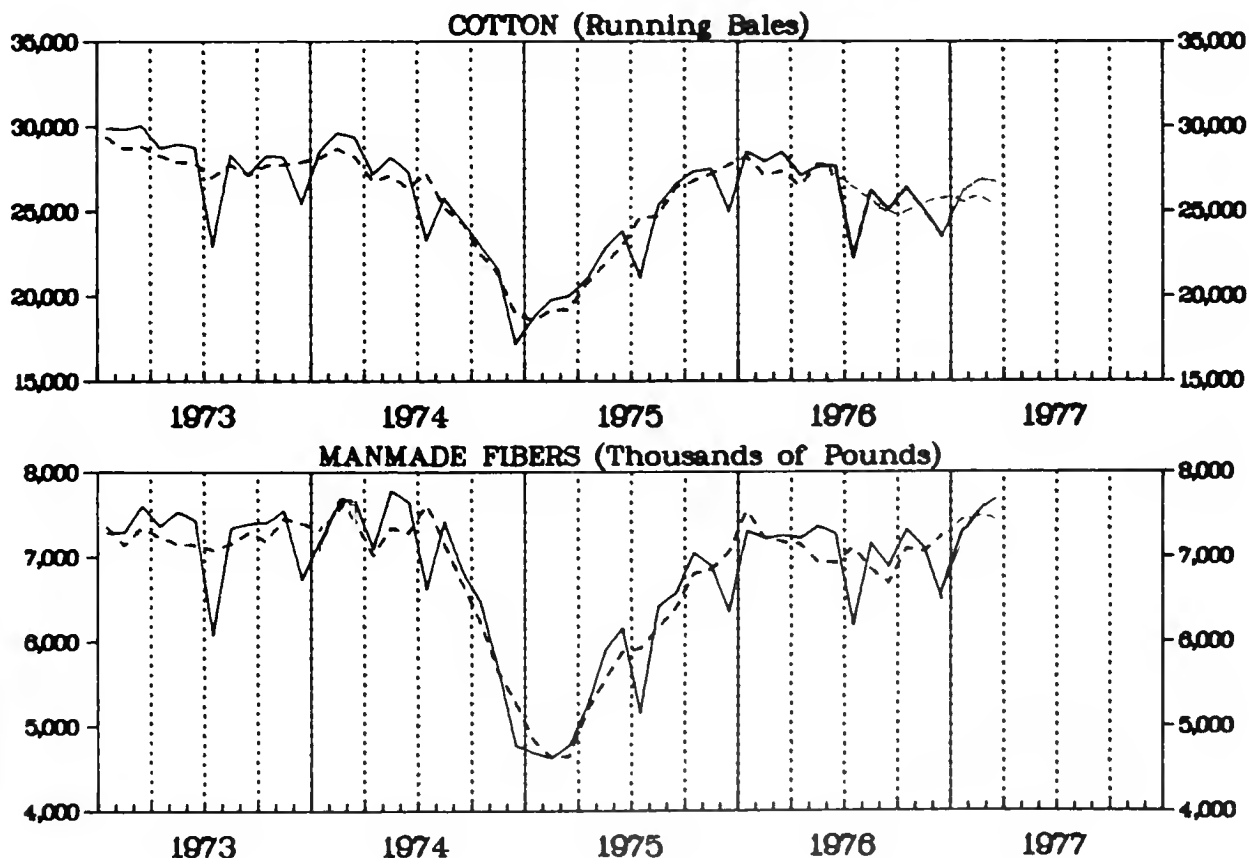
U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 15. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



For more inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Virginia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977  
(Based On 1967 Daily Average = 100)

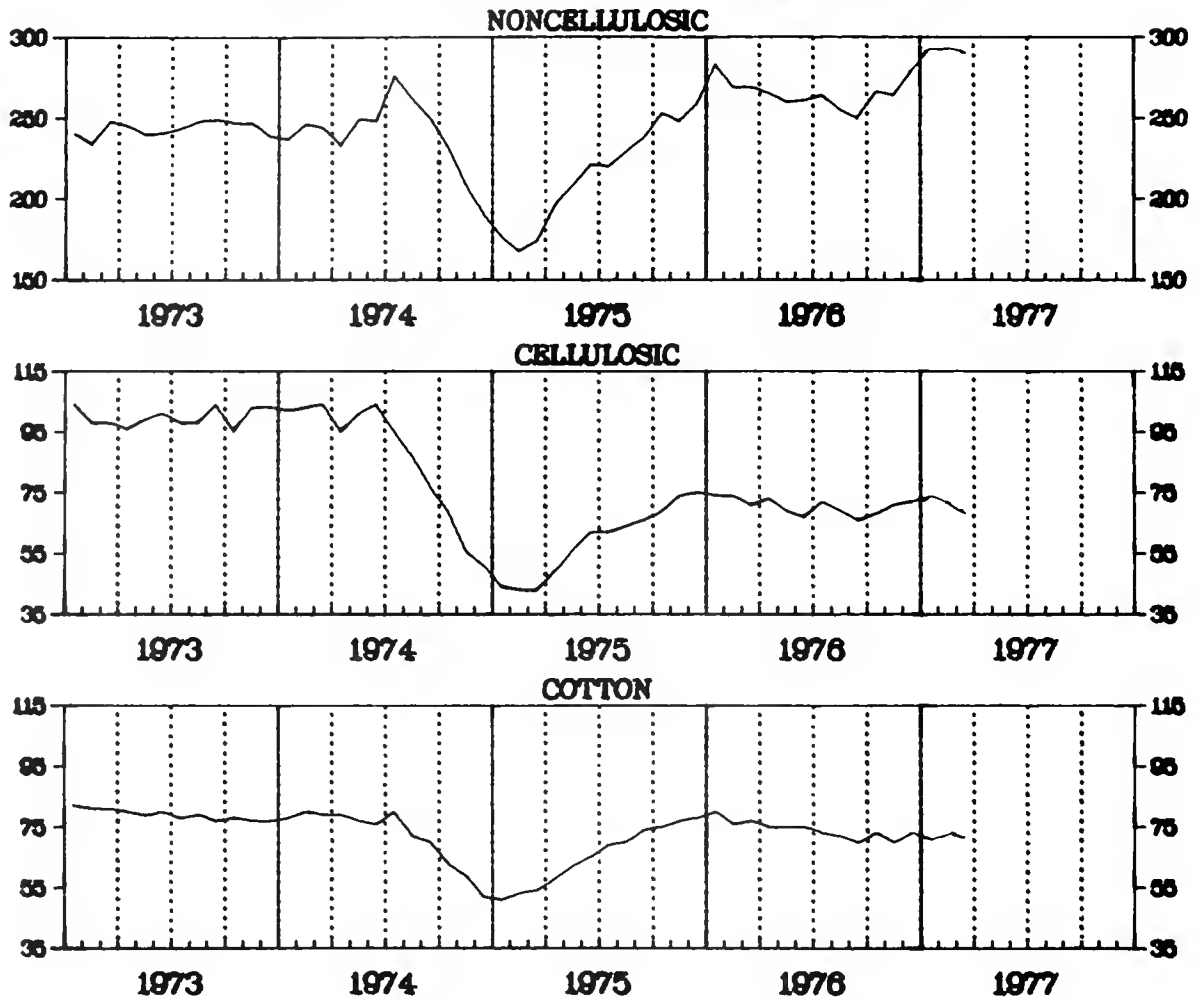


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>1</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977									
July (4 weeks).....	23,174	22,869	305	7,415	1,463	5,952	4,672	137,478	387
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	26,951	396	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	26,830	309	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	27,892	318	7,546	1,571	5,975	5,462	162,995	437
1975									
December (5 weeks).....	27,717	27,381	336	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	26,893	312	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	26,484	295	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	26,099	288	6,396	1,374	5,022	7,885	120,899	397
August (4 weeks).....	24,679	24,426	253	6,152	1,332	4,820	8,362	114,584	380
July (5 weeks).....	24,632	24,395	237	5,922	1,278	4,644	8,520	110,245	376

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Aug. 23, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977									
July (4 weeks).....	19,853	19,599	254	6,470	1,238	5,232	2,845	143,802	338
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	28,083	395	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	27,608	329	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	28,143	335	7,298	1,538	5,760	8,008	157,127	435
1975									
December (5 weeks).....	24,977	24,698	279	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	27,162	319	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	27,014	311	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	26,282	287	6,566	1,403	5,163	3,974	130,934	403
August (4 weeks).....	25,273	25,012	261	6,410	1,363	5,047	4,532	124,095	392
July (5 weeks).....	21,079	20,882	197	5,156	1,079	4,077	5,206	115,206	328

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1977</b>			
July (4 weeks).....	65	69	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
<b>1976</b>			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250
August (4 weeks).....	72	69	255
July (4 weeks).....	73	72	264

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	JULY 1977 (JULY 3 TO JULY 30)		JUNE 1977 (MAY 29 TO JULY 2)		JULY 1976 (JULY 4 TO JULY 31)	
	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	397,047	194,548	615,874	305,300	444,595	221,747
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	395,374	193,755	612,613	303,667	441,963	220,400
ALABAMA . . . . .	52,552	25,811	80,116	40,285	55,312	27,658
GEORGIA . . . . .	70,587	34,270	110,185	54,674	83,618	41,849
NORTH CAROLINA . . . . .	141,343	69,357	216,295	106,731	155,548	77,322
SOUTH CAROLINA . . . . .	101,872	49,732	158,168	78,319	116,018	57,908
TENNESSEE . . . . .	7,376	3,614	11,429	5,488	9,294	4,515
TEXAS . . . . .	3,721	1,992	5,926	3,022	3,463	1,787
VIRGINIA . . . . .	12,184	6,103	20,230	10,039	12,176	6,064
OTHER STATES. . . . .	5,739	2,876	10,264	5,109	6,534	3,297
NEW ENGLAND. . . . .	1,588	764	3,134	1,586	2,168	1,087
REST OF UNITED STATES. . . . .	85	29	127	47	464	260
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	391,848	191,989	609,209	301,998	438,197	218,580
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	30,891	15,422	47,358	23,748	40,223	20,024
1 INCH AND 1-1/32 INCH STAPLES. . . . .	99,243	49,214	162,530	80,314	111,549	55,435
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	228,460	112,329	347,387	172,604	247,737	123,781
STAPLES LONGER THAN 1-3/32 INCH . . . . .	21,806	10,838	35,838	17,799	27,166	13,514
STAPLES NOT SPECIFIED BY KIND . . . . .	11,448	4,186	16,096	7,533	11,522	5,826
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	3,543	1,752	4,516	2,250	4,251	2,144
FOREIGN COTTON, TOTAL. . . . .	1,656	807	2,149	1,052	2,147	1,023
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	720	347	<sup>r</sup> 915	<sup>r</sup> 446	1,497	717
OTHER. . . . .	811	395	<sup>r</sup> 985	<sup>r</sup> 480	175	77
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	125	65	249	126	475	229
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	129,399	(X)	197,457	(X)	123,842
RAYON AND ACETATE . . . . .	(X)	24,760	(X)	39,582	(X)	25,813
NYLON . . . . .	(X)	7,351	(X)	9,066	(X)	6,980
ACRYLIC AND MODACRYLIC. . . . .	(X)	12,412	(X)	19,527	(X)	12,492
POLYESTER . . . . .	(X)	84,140	(X)	128,290	(X)	77,940
OTHER MANMADE FIBER . . . . .	(X)	736	(X)	992	(X)	617

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of workdays used are: 20 for July 1977; 25 for June 1977 and 20 for July 1976.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade per tow without combing, in woolen and worsted mills as follows: July 1977, not available; June 1977, 32,569 and July 1976, 20,791.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

AREA, STATE, AND TYPE OF MATERIAL	JULY 30, 1977		JULY 2, 1977		JULY 31, 1976	
	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS	STOCKS BALES	STOCKS 1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,056,959	524,228	1,101,430	549,177	1,210,463	603,111
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,050,149	520,807	1,094,983	545,930	1,199,157	597,381
ALABAMA . . . . .	162,003	80,312	161,560	80,173	164,881	82,461
CALIFORNIA. . . . .	156,284	77,859	159,103	79,963	181,094	90,811
GEORGIA . . . . .	272,585	134,654	291,392	145,025	313,181	155,921
NORTH CAROLINA. . . . .	389,055	193,590	407,670	203,756	454,798	225,981
SOUTH CAROLINA. . . . .	38,807	18,839	43,358	21,119	42,619	20,841
TENNESSEE . . . . .	7,569	3,774	9,021	4,527	12,991	6,501
TEXAS . . . . .	16,727	8,239	17,240	8,555	16,062	8,071
VIRGINIA . . . . .	7,119	3,540	5,639	2,812	13,531	6,771
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	6,310	3,149	5,911	2,954	10,485	5,251
REST OF UNITED STATES. . . . .	500	272	536	293	821	471
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,034,496	513,596	1,079,542	538,114	1,163,707	580,381
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	14,006	6,529	13,705	7,106	16,623	8,201
FOREIGN COTTON, TOTAL. . . . .	8,457	4,103	8,183	3,957	30,133	14,551
STAPLE LENGTH 1-1/8 INCH OR MORE:						
EGYPTIAN AND SUDAN . . . . .	4,792	2,327	4,108	1,992	23,604	11,311
OTHER. . . . .	2,626	1,277	2,938	1,428	2,082	991
STAPLE LENGTH UNDER 1-1/8 INCH. INDIAN,						
MEXICAN, AND OTHER . . . . .	1,039	499	1,137	537	4,447	2,111
MANMADE FIBER STAPLE (1) . . . . .	(X)	143,802	(X)	144,997	(X)	139,481
RAYON AND ACETATE . . . . .	(X)	31,275	(X)	30,141	(X)	29,711
NYLON . . . . .	(X)	6,749	(X)	6,809	(X)	11,411
ACRYLIC AND MODACRYLIC. . . . .	(X)	11,362	(X)	12,352	(X)	11,811
POLYESTER . . . . .	(X)	93,868	(X)	94,996	(X)	85,411
OTHER MANMADE FIBER . . . . .	(X)	548	(X)	699	(X)	811

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.  
<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

	JULY 30, 1977	JULY 2, 1977	JULY 31, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,788,034	2,268,765	2,233,545
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	1,787,962	2,268,683	2,233,349
ALABAMA . . . . .	121,339	152,388	155,255
ARIZONA . . . . .	127,988	190,134	97,185
ARKANSAS . . . . .	62,005	88,308	57,681
CALIFORNIA . . . . .	299,317	418,393	505,619
GEORGIA . . . . .	136,034	147,097	150,699
LOUISIANA . . . . .	45,362	72,460	31,863
MISSISSIPPI . . . . .	104,317	139,465	134,630
MISSOURI . . . . .	11,859	21,605	14,098
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	7,056
NORTH CAROLINA . . . . .	83,310	101,721	138,029
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	166,025	192,289	184,269
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	479,755	552,713	619,493
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	150,651	192,110	137,472
NEW ENGLAND . . . . .	72	82	196
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	1,757,459	2,235,519	2,199,521
AMERICAN-PIMA . . . . .	26,278	28,202	15,662
SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .			
FOREIGN COTTON, TOTAL. (2) . . . . .	4,297	5,044	18,362
STAPLE LENGTH 1-1/8 INCH OR MORE:			
EGYPTIAN AND SUDAN . . . . .	1,862	1,816	4,972
OTHER . . . . .			
STAPLE LENGTH UNDER 1-1/8 INCH, INDIAN, MEXICAN, AND OTHER . . . . .	2,435	3,228	13,390

- Represents zero.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on July 30, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JULY 1977 (JULY 3 TO JULY 30)	JUNE 1977 (MAY 29 TO JULY 2)	JULY 1976 (JULY 4 TO JULY 31)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN,BALES	71,514	98,457	44,688
BLEACHERS:- RUNNING BALES . . . . .	00	55,119	72,677	27,420
GROSS WEIGHT. . . . .	M. LBS.	33,734	45,464	17,397
OTHER CONSUMERS . . . . .	RUN,BALES	16,395	25,780	17,268
PACIFIC AND MOUNTAIN STATES. . . . .	00	2,994	4,255	2,767
ALL OTHER STATES . . . . .	00	13,401	21,525	14,501
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN,BALES	278,426	305,010	443,632
BLEACHERS:- RUNNING BALES . . . . .	00	159,751	179,128	255,563
GROSS WEIGHT. . . . .	M. LBS.	98,609	110,549	162,261
OTHER CONSUMERS . . . . .	RUN,BALES	42,590	44,814	41,929
PACIFIC AND MOUNTAIN STATES. . . . .	00	4,928	5,235	5,456
ALL OTHER STATES . . . . .	00	37,662	39,579	36,473
PUBLIC STORAGE AND COMPRESSES . . . . .	00	17,301	17,069	38,721
PACIFIC AND MOUNTAIN STATES. . . . .	00	17,301	17,069	38,721
ALL OTHER STATES . . . . .	00	17,301	17,069	38,721
OIL MILLS (1) . . . . .	00	58,784	63,999	107,419

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE 100 PERCENT COTTON	ACTIVE 100 PERCENT MANMADE FIBERS	ACTIVE OTHER FIBERS AND BLENDS
July 1977 (July 3 to July 30)				
UNITED STATES, TOTAL . . . . .	17,886	7,018	2,408	7,408
COTTON GROWING STATES . . . . .	17,605	6,967	2,336	7,400
ALABAMA. . . . .	1,751	932	169	541
GEORGIA. . . . .	2,224	1,245	199	695
NORTH CAROLINA . . . . .	6,071	2,549	892	2,309
SOUTH CAROLINA . . . . .	6,365	1,720	967	3,366
TENNESSEE. . . . .	401	285	(D)	99
TEXAS. . . . .	168	23	33	(D)
VIRGINIA . . . . .	539	157	(D)	(D)
OTHER STATES . . . . .	86	56	(D)	28
NEW ENGLAND . . . . .	281	51	72	8
REST OF UNITED STATES . . . . .				
June 1977 (May 29 to July 2)				
UNITED STATES, TOTAL . . . . .	17,810	6,998	2,369	7,446
COTTON GROWING STATES . . . . .	17,529	6,947	2,296	7,438
ALABAMA. . . . .	1,751	943	176	547
GEORGIA. . . . .	2,220	1,237	199	693
NORTH CAROLINA . . . . .	6,045	2,537	908	2,305
SOUTH CAROLINA . . . . .	6,319	1,711	906	3,394
TENNESSEE. . . . .	401	282	(D)	101
TEXAS. . . . .	168	23	33	(D)
VIRGINIA . . . . .	539	158	(D)	(D)
OTHER STATES . . . . .	86	56	-	28
NEW ENGLAND . . . . .	281	51	73	8
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
July 1977 (July 3 to July 30)				
UNITED STATES, TOTAL . . . . .	6,751	2,896	987	2,868
COTTON GROWING STATES . . . . .	6,718	2,888	963	2,867
ALABAMA . . . . .	646	396	58	192
GEORGIA . . . . .	783	444	74	265
NORTH CAROLINA . . . . .	2,382	1,114	372	896
SOUTH CAROLINA . . . . .	2,451	727	414	1,310
TENNESSEE . . . . .	184	120	(D)	(D)
TEXAS . . . . .	45	4	(D)	(D)
VIRGINIA . . . . .	197	61	(D)	(D)
OTHER STATES . . . . .	30	22	-	8
NEW ENGLAND . . . . .	33	8	24	1
REST OF UNITED STATES . . . . .				
June 1977 (May 29 to July 2)				
UNITED STATES, TOTAL . . . . .	10,157	4,222	1,428	4,507
COTTON GROWING STATES . . . . .	10,102	4,207	1,391	4,504
ALABAMA . . . . .	934	560	90	284
GEORGIA . . . . .	1,175	644	113	418
NORTH CAROLINA . . . . .	3,586	1,679	540	1,367
SOUTH CAROLINA . . . . .	3,719	1,019	585	2,115
TENNESSEE . . . . .	270	178	(D)	(D)
TEXAS . . . . .	69	5	(D)	(D)
VIRGINIA . . . . .	298	86	(D)	(D)
OTHER STATES . . . . .	51	36	-	15
NEW ENGLAND . . . . .	55	15	37	3
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS- TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
July 1977 (July 3 to July 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	397,047	291,113	84,775	21,159
STOCKS (2). . . . .	BALES	1,056,959	755,588	215,599	85,772
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	129,399	85,785	25,352	18,262
STOCKS. . . . .	M LBS	143,802	88,748	32,256	22,798
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	24,760	14,885	6,749	3,126
STOCKS . . . . .	M LBS	31,275	17,383	8,688	5,204
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	104,639	70,900	18,603	15,136
STOCKS . . . . .	M LBS	112,527	71,365	23,568	17,594
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,886	12,885	3,718	1,283
HOURS OPERATED. . . . .	MILLIONS	6,751	4,715	1,578	458
June 1977 (May 29 to July 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	615,874	454,194	127,776	33,904
STOCKS (2). . . . .	BALES	1,101,430	789,512	225,214	86,704
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	197,457	130,074	37,904	29,479
STOCKS. . . . .	M LBS	144,997	91,169	31,754	22,074
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	39,582	22,355	10,433	6,794
STOCKS . . . . .	M LBS	30,141	17,211	8,085	4,845
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	157,875	107,719	27,471	22,685
STOCKS . . . . .	M LBS	114,856	73,958	23,669	17,229
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,810	12,831	3,698	1,281
HOURS OPERATED. . . . .	MILLIONS	10,157	7,162	2,288	707

Note: SIC is the abbreviation for standard industrial classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for July 1977 and 25 for June 1977.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

TABLE 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	June 1977	May 1977	Cotton season 11 months through June 1977 <sup>1</sup>
Cotton			
Total.....	461,700	399,746	4,283,113
Canada.....	15,567	18,818	182,815
India.....	62,879	62,073	261,972
South Vietnam.....	-	-	-
Indonesia.....	29,366	4,402	165,903
Republic of Philippines.....	10,811	10,464	84,676
Republic of Korea.....	101,411	89,453	825,201
China-Taiwan.....	57,139	43,156	389,101
Japan.....	68,699	63,915	928,900
Other countries.....	115,828	107,465	1,444,545
Linters			
Total.....	20,023	12,684	197,700
Canada.....	2,393	1,934	28,956
Mexico.....	215	-	487
United Kingdom.....	-	112	1,207
Federal Republic of Germany.....	10,130	3,247	65,132
Japan.....	6,227	7,391	87,717
Other countries.....	1,058	-	14,201
Manmade fiber staple and tow			
Total.....	26,039	33,200	269,572
Canada.....	4,666	4,498	68,463
Brazil.....	209	520	6,039
United Kingdom.....	335	951	9,335
Netherlands.....	-	-	213
Belgium.....	1,431	1,201	18,415
Federal Republic of Germany.....	315	299	3,737
Switzerland.....	783	847	6,021
U.S.S.R.....	-	-	836
Hong Kong.....	2,395	491	13,749
Japan.....	191	94	1,287
Australia.....	483	737	10,064
Other countries.....	15,231	23,562	131,413

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 2663220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	June 1977	May 1977	Cotton season 11 months through June 1977 <sup>1</sup>
Cotton			
Total.....	599	1,632	36,457
Mexico.....	-	-	18,508
Peru.....	-	-	10,145
Brazil.....	-	-	-
India.....	-	-	595
Egypt.....	148	1,564	3,062
Sudan.....	-	-	2,186
Other countries.....	451	68	1,961
Linters			
Total.....	10,762	11,834	53,317
Mexico.....	1,722	2,761	24,151
Brazil.....	89	-	1,440
Other countries.....	8,951	9,073	27,726
Manmade fiber staple and tow			
Total.....	8,870	7,822	76,889
Canada.....	565	623	6,083
United Kingdom.....	374	84	1,703
France.....	408	562	1,334
Federal Republic of Germany.....	1,053	371	6,833
Austria.....	2,786	4,071	31,562
Switzerland.....	-	-	9
Italy.....	353	191	3,615
Japan.....	746	601	11,775
Other countries.....	2,585	1,319	13,975

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1976/77 forecast	1975/76 preliminary	1974/75
Supply.....	80.2	84.6	89.5
Stock, August 1.....	22.5	30.4	25.2
Production.....	57.7	54.2	64.3
Distribution.....	80.1	84.8	88.9
Consumption.....	60.9	62.3	58.5
Stocks, July 31.....	19.2	22.5	30.4
Difference <sup>1</sup> .....	-0.1	+0.2	-0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## CURRENT INDUSTRIAL REPORTS

Supplement to Series M22P

Table A.--SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON  
IN THE UNITED STATES  
SEASON OF 1976-1977

The figure on the cotton "carry-over" in the United States as of July 31, 1977 is 2,919,993 bales, according to the Bureau of the Census, Department of Commerce. (LINTERS ARE NOT INCLUDED.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere.<sup>1</sup>

(Running bales, except that imported cotton is in equivalent 500-pound bales)

Supply and distribution	Number of bales
SUPPLY	
Stocks, July 31, 1976, total <sup>1</sup> .....	3,594,008
In consuming establishments.....	1,210,463
In public storage and at compresses.....	2,233,545
Elsewhere (partially estimated) <sup>2</sup> .....	150,000
Net import of foreign cotton.....	39,771
Total imports for consumption.....	39,771
Less: Re-exports (other than withdrawals from bond for export).....	
Ginnings, crop of 1976, during crop year 1976-1977.....	10,299,909
Total ginnings, crop of 1976.....	10,347,103
Less: Ginnings prior to August 1, 1976.....	47,194
Ginnings, prior to August 1, 1977 crop of 1977.....	85,466
City crop (estimated) <sup>3</sup> .....	10,000
Aggregate supply.....	14,029,154
DISTRIBUTION	
Total exports <sup>4</sup> .....	4,672,486
Consumption, adjusted to calendar year <sup>4</sup> .....	6,480,177
Stocks, July 30, 1977, total <sup>1</sup> .....	2,919,993
In consuming establishments.....	1,056,959
In public storage and at compresses.....	1,788,034
Elsewhere (partially estimated) <sup>2</sup> .....	75,000
Aggregate distribution.....	14,072,656
Excess of reported distribution over supply.....	43,502

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

<sup>3</sup>Rebaled samples and pickings from cotton damaged by fire and weather. Census estimate based on reports from larger pickeries.

<sup>4</sup>Figures for July imports and exports were estimated.

Table B.--SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1976 - 1977

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>
SUPPLY	
Stocks, July 31, 1976.....	444,632
In consuming establishments.....	297,492
In public storage.....	38,721
In oil mills.....	107,419
Elsewhere (partially estimated).....	1,000
Imports.....	57,760
Total imports for consumption <sup>1</sup> .....	57,760
Less: Re-exports.....	-
Production.....	991,343
Aggregate supply.....	1,493,735
DISTRIBUTION	
Exports.....	214,175
Consumption.....	998,386
Stocks, July 30, 1977, total.....	279,426
In consuming establishments.....	202,341
In public storage.....	17,301
In oil mills (estimate).....	58,784
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,491,987
Excess of reported supply over distribution.....	1,748

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

**REPORTING CALENDAR  
1977**

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-4 10	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Paul Finn	(301) 763-5140
To order a Census publication	Daisy Williams	(301) 763-7472
To order micro-film of Census publications	Theresa Allen	(301) 763-5042





3. 158:

# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

AUGUST 1977

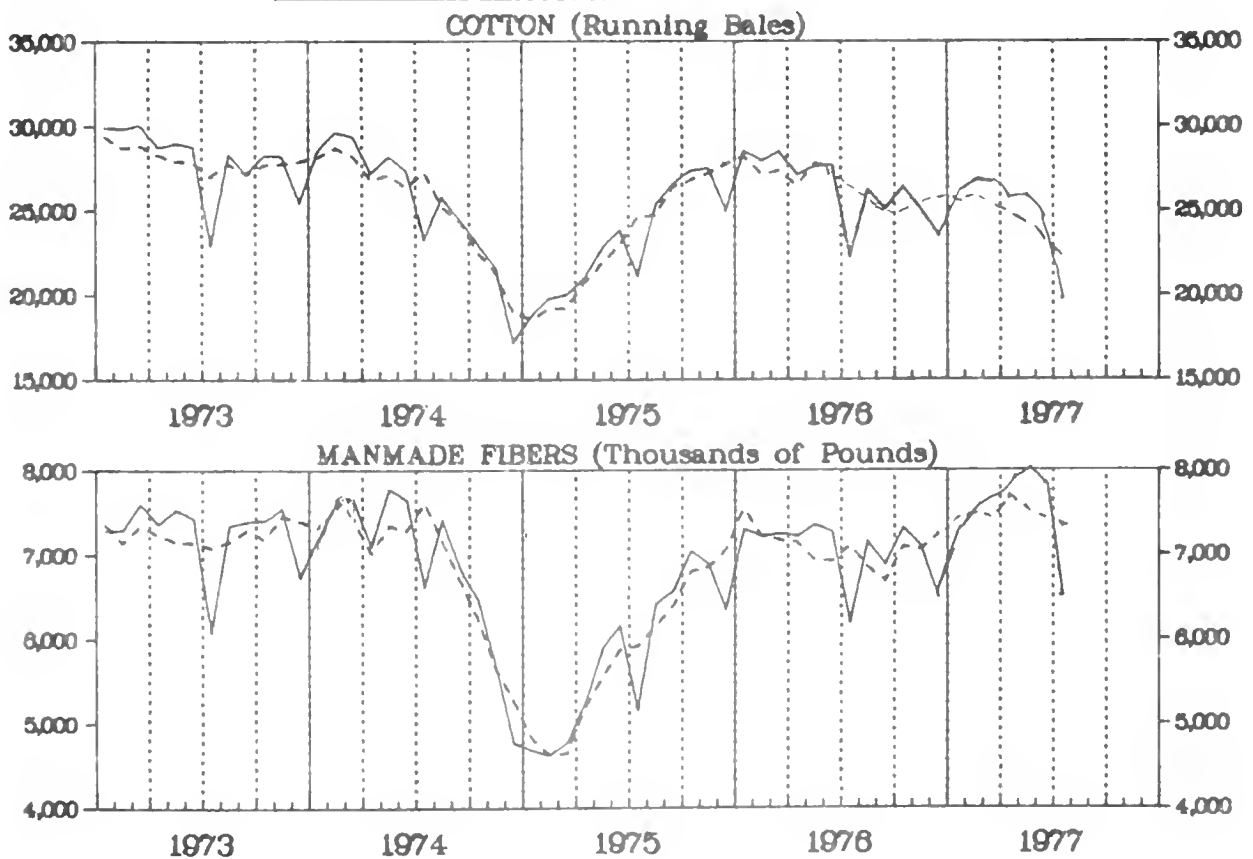
M22P(78)-1  
Issued October 1977

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 14. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



For inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977  
(Based On 1967 Daily Average = 100)

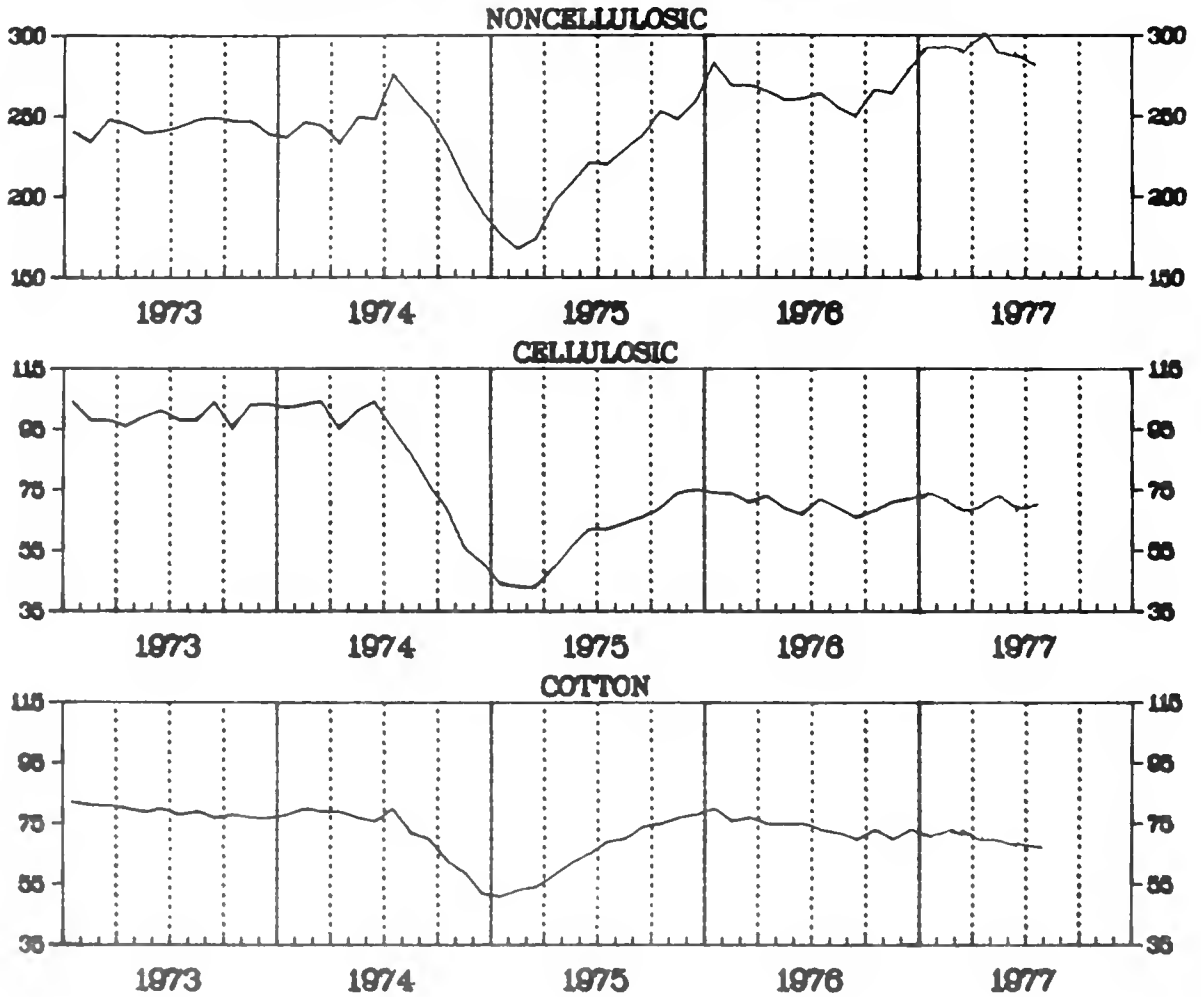


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton	Manmade fibers			Cotton, total	Manmade fiber staple, total	
	Total (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)	(1,000 running bales)	(1,000 pounds)	
1977							
August (4 weeks).....	23,897	7,708	1,567	6,141	4,991	126,125	398
July (4 weeks).....	23,377	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	7,654	1,540	6,114	5,257	157,274	404
1976							
December (5 weeks).....	25,917	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	7,546	1,571	5,975	5,462	162,995	437
1975							
December (5 weeks).....	27,717	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	6,396	1,374	5,022	7,885	120,899	397
August (4 weeks).....	24,679	6,152	1,332	4,820	8,362	114,584	380

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Sept. 23, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton	Manmade fibers			Cotton, total	Manmade fiber staple, total	
	Total (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)	(1,000 running bales)	(1,000 pounds)	
1977							
August (4 weeks).....	24,590	8,054	1,606	6,448	2,700	136,593	411
July (4 weeks).....	19,730	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	7,402	1,508	5,894	7,707	151,612	402
1976							
December (5 weeks).....	23,298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	7,298	1,538	5,760	8,008	157,127	435
1975							
December (5 weeks).....	24,977	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	6,566	1,403	5,163	3,974	130,934	403
August (4 weeks).....	25,273	6,410	1,363	5,047	4,532	124,095	392

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holiday. Beginning in August 1977, cotton data are reported in thousand pounds and converted to running bales based on 24 month average weight footage of 496 lbs. for domestic and 480 lbs. for foreign cotton.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1977			
August (4 weeks).....	67	74	291
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
1976			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250
August (4 weeks).....	72	69	255

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	AUGUST 1977	JULY 1977	AUGUST 1976
	(JULY 31 TO AUG. 27)	(JULY 3 TO JULY 30)	(AUG. 1 TO AUG. 28)
	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION
DOMESTIC AND FOREIGN COTTON, TOTAL (2) . . . . .	243,909	195,699	258,847
BY AREA AND STATE:			
COTTON GROWING STATES. . . . .	242,657	194,933	257,147
ALABAMA . . . . .	30,204	26,260	32,544
GEORGIA . . . . .	44,573	34,364	48,358
NORTH CAROLINA . . . . .	86,199	68,623	87,287
SOUTH CAROLINA . . . . .	63,426	50,694	69,578
TENNESSEE . . . . .	4,383	3,639	5,571
TEXAS . . . . .	2,338	2,377	2,252
VIRGINIA . . . . .	8,106	6,093	8,160
OTHER STATES. . . . .	3,428	2,883	3,397
NEW ENGLAND. . . . .	1,067	737	1,456
REST OF UNITED STATES. . . . .	185	29	244
BY TYPE OF COTTON:			
AMERICAN UPLAND, TOTAL . . . . .	241,431	193,517	255,344
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	18,420	14,951	22,837
1 INCH AND 1-1/32 INCH STAPLES. . . . .	64,233	49,843	61,441
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	141,850	114,297	147,214
STAPLES LONGER THAN 1-3/32 INCH . . . . .	12,608	10,642	17,093
STAPLES NOT SPECIFIED BY KIND . . . . .	4,320	3,784	6,759
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	1,786	<sup>r</sup> 1,599	1,990
FOREIGN COTTON, TOTAL. . . . .	692	<sup>r</sup> 583	1,513
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	692	583	1,273
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .			240
MANMADE FIBER STAPLE (1) (3) . . . . .	161,061	129,536	143,189
RAYON AND ACETATE . . . . .	32,111	25,107	30,059
NYLON . . . . .	8,749	7,341	7,542
ACRYLIC AND MOOACRYLIC. . . . .	16,413	12,589	12,743
POLYESTER . . . . .	102,984	83,879	92,247
OTHER MANMADE FIBER . . . . .	804	620	598

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for August 1977; 20 for July 1977 and 20 for August 1976.<sup>2</sup>Total consumption of cotton in bales was 491,799 bales for August and 394,594 bales for July. Consumption of domestic cotton was 490,357 bales for August and 393,379 bales for July while consumption of foreign cotton was 1,442 bales for August and 1,215 bales for July. See footnote 1, Table 1B.<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: August 1977, not available; July 1977, 19,916, and August 1976, 25,930.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE  
HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

	AUG. 27, 1977	JUL. 30, 1977	AUG. 28, 1976
AREA, STATE, AND TYPE OF MATERIAL	STOCKS	STOCKS	STOCKS
DOMESTIC AND FOREIGN COTTON, TOTAL <sup>1</sup> . . . . .	477,285	522,794	550,687
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	473,512	519,314	545,283
ALABAMA . . . . .	70,176	79,986	79,085
CALIFORNIA. . . . .	73,585	79,673	86,540
GEORGIA . . . . .	127,243	132,751	140,471
NORTH CAROLINA. . . . .	170,502	191,674	204,073
SOUTH CAROLINA. . . . .	15,442	18,319	17,136
TENNESSEE . . . . .	2,606	3,846	5,142
TEXAS . . . . .	10,751	9,448	7,217
VIRGINIA. . . . .	3,207	3,617	5,619
OTHER STATES. . . . .			
NEW ENGLAND. . . . .	3,528	3,206	4,988
REST OF UNITED STATES. . . . .	245	274	416
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	462,244	506,202	530,629
AMERICAN-PIMA, SEA ISLAND, AND OTHER			
DOMESTIC COTTON . . . . .	5,778	6,565	7,501
FOREIGN COTTON, TOTAL. . . . .	3,485	3,462	12,557
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	3,485	3,462	11,045
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .			1,512
MANMADE FIBER STAPLE <sup>2</sup> . . . . .	136,593	144,069	141,708
RAYON AND ACETATE . . . . .	32,609	31,139	30,113
NYLON . . . . .	4,792	6,813	9,594
ACRYLIC AND MODACRYLIC. . . . .	11,239	12,596	12,307
POLYESTER . . . . .	87,378	93,031	88,854
OTHER MANMADE FIBER . . . . .	575	490	840

<sup>1</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Total stocks of cotton in bales held by consuming establishments were 962,502 bales in August and 1,054,233 bales in July. Stocks of domestic cotton were 955,242 bales in August 1,047,040 bales in July while stocks of foreign cotton were 7,260 bales in August and 7,213 bales in July. See footnote 1, table 1B.<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

	AUGUST 27, 1977	JULY 30, 1977	AUGUST 28, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,744,872	1,790,752	1,859,454
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	1,744,811	1,790,680	1,859,310
ALABAMA . . . . .	99,207	122,043	120,085
ARIZONA . . . . .	92,247	127,988	68,103
ARKANSAS . . . . .	51,002	62,005	40,488
CALIFORNIA . . . . .	208,801	299,317	379,416
GEORGIA . . . . .	118,988	136,267	128,506
LOUISIANA . . . . .	30,785	45,362	16,579
MISSISSIPPI . . . . .	81,525	104,378	86,598
MISSOURI . . . . .	6,820	11,859	8,258
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	4,812
NORTH CAROLINA . . . . .	63,840	83,285	111,355
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	137,097	166,084	148,151
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	754,232	481,110	641,120
VIRGINIA . . . . .	-	-	-
OTHER STATES. . . . .	100,267	150,982	105,839
NEW ENGLAND. . . . .	61	72	144
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	1,716,930	1,760,785	1,828,317
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	24,965	25,749	13,617
FOREIGN COTTON, TOTAL (2). . . . .	2,977	4,218	17,520
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	(D)	(D)	4,710
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	12,810

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, on August 27, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	AUGUST 1977 (JULY 31 TO AUG. 27)	JULY 1977 (JULY 3 TO JULY 30)	AUGUST 1976 (AUG. 1 TO AUG. 28)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN,BALES	61,375	71,689	70,807
BLEACHERS:- RUNNING BALES . . . . .	DO	39,426 (NA)	55,119 33,734	49,619 31,458
OTHER CONSUMERS . . . . .	RUN,BALES	21,949	16,570	21,188
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,746	3,097	3,110
ALL OTHER STATES . . . . .	DO	18,203	13,473	18,078
STOCKS, TOTAL ( END OF PERIOD ) . . . . .	RUN,BALES	260,510	277,951	388,202
BLEACHERS:- RUNNING BALES . . . . .	DO	156,372 (NA)	159,751 98,609	242,907 153,725
OTHER CONSUMERS . . . . .	RUN,BALES	39,616	42,089	39,659
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,820	5,166	5,413
ALL OTHER STATES . . . . .	DO	34,796	36,923	34,246
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	14,661	17,301	30,792
PACIFIC AND MOUNTAIN STATES . . . . .	DO	14,661	17,301	30,792
ALL OTHER STATES . . . . .	DO	14,661	17,301	30,792
OIL MILLS (1) . . . . .	DO	49,861	58,810	74,844

(NA) Not available.

TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE 100 PERCENT COTTON	ACTIVE 100 PERCENT MANMADE FIBERS	ACTIVE OTHER FIBERS AND BLENUS
AUGUST 1977 (July 31 to August 27)				
UNITED STATES, TOTAL . . . . .	17,744	6,969	2,377	7,408
COTTON GROWING STATES . . . . .	17,464	6,919	2,304	7,398
ALABAMA . . . . .	1,737	986	149	551
GEORGIA . . . . .	2,195	1,198	202	701
NORTH CAROLINA . . . . .	6,076	2,537	895	2,342
SOUTH CAROLINA . . . . .	6,270	1,678	941	3,333
TENNESSEE . . . . .	401	290	(D)	94
TEXAS . . . . .	168	23	33	(D)
VIRGINIA . . . . .	531	151	(D)	(D)
OTHER STATES . . . . .	86	56	(D)	26
NEW ENGLAND . . . . .	280	50	73	10
REST OF UNITED STATES . . . . .				
JULY 1977 (July 3 to July 30)				
UNITED STATES, TOTAL . . . . .	17,815	7,008	2,353	7,391
COTTON GROWING STATES . . . . .	17,534	6,957	2,281	7,383
ALABAMA . . . . .	1,744	937	142	548
GEORGIA . . . . .	2,195	1,214	202	692
NORTH CAROLINA . . . . .	6,086	2,552	889	2,320
SOUTH CAROLINA . . . . .	6,322	1,735	936	3,333
TENNESSEE . . . . .	401	287	(D)	98
TEXAS . . . . .	168	23	33	(D)
VIRGINIA . . . . .	532	153	(D)	(D)
OTHER STATES . . . . .	86	56	(D)	28
NEW ENGLAND . . . . .	281	51	72	8
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
AUGUST 1977 (July 31 to August 27)				
UNITED STATES, TOTAL . . . . .	8,216	3,404	1,200	3,612
COTTON GROWING STATES . . . . .	8,172	3,392	1,171	3,609
ALABAMA . . . . .	736	439	74	223
GEORGIA . . . . .	73	538	99	336
NORTH CAROLINA . . . . .	2,462	1,367	456	1,139
SOUTH CAROLINA . . . . .	2,958	804	490	1,664
TENNESSEE . . . . .	214	145	(D)	(D)
TEXAS . . . . .	62	4	(D)	(D)
VIRGINIA . . . . .	228	67	(D)	(D)
OTHER STATES . . . . .	39	28	(D)	(D)
NEW ENGLAND . . . . .	44	12	29	3
REST OF UNITED STATES . . . . .				
JULY 1977 (July 3 to July 30)				
UNITED STATES, TOTAL . . . . .	6,689	2,814	985	2,890
COTTON GROWING STATES . . . . .	6,660	2,806	965	2,889
ALABAMA . . . . .	645	384	56	205
GEORGIA . . . . .	758	418	75	265
NORTH CAROLINA . . . . .	2,375	1,098	376	901
SOUTH CAROLINA . . . . .	2,436	706	414	1,316
TENNESSEE . . . . .	184	121	(D)	(D)
TEXAS . . . . .	52	4	(D)	(D)
VIRGINIA . . . . .	180	53	(D)	(D)
OTHER STATES . . . . .	30	22	-	8
NEW ENGLAND . . . . .	29	8	20	1
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	July 1977	June 1977	Cotton season 12 months through July 1977 <sup>1</sup>
<b>Cotton</b>			
Total.....	281,511	461,700	4,564,624
Canada.....	4,287	15,567	187,102
India.....	11,374	62,879	273,346
South Vietnam.....	-	-	-
Indonesia.....	24,826	29,366	190,729
Republic of Philippines.....	3,183	10,811	87,859
Republic of Korea.....	88,034	101,411	913,235
China-Taiwan.....	47,292	57,139	436,393
Japan.....	44,517	68,699	973,417
Other countries.....	57,998	115,828	1,502,543
<b>Linters</b>			
Total.....	12,405	20,023	210,105
Canada.....	3,178	2,393	32,134
Mexico.....	58	215	545
United Kingdom.....	126	-	1,333
Federal Republic of Germany.....	3,320	10,130	68,452
Japan.....	4,434	6,227	92,151
Other countries.....	1,289	1,058	15,490
<b>Manmade fiber staple and tow</b>			
Total.....	34,875	26,039	304,447
Canada.....	3,455	4,666	71,918
Brazil.....	782	209	6,821
United Kingdom.....	501	335	9,836
Netherlands.....	-	-	213
Belgium.....	2,312	1,431	20,727
Federal Republic of Germany.....	786	315	4,523
Switzerland.....	304	783	6,325
U.S.S.R.....	1	-	837
Hong Kong.....	5,905	2,395	19,654
Japan.....	161	191	1,448
Australia.....	2,295	483	12,359
Other countries.....	18,373	15,231	149,786

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 2663220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 9.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	July 1977	June 1977	Cotton season 12 months through July 1977 <sup>1</sup>
Cotton			
Total.....	1,483	599	37,940
Mexico.....	-	-	18,508
Peru.....	-	-	10,145
Brazil.....	-	-	-
India.....	-	-	595
Egypt.....	-	148	3,062
Sudan.....	1,483	-	3,669
Other countries.....	-	451	1,961
Linters			
Total.....	17,136	10,762	70,453
Mexico.....	2,137	1,722	26,288
Brazil.....	386	89	1,826
Other countries.....	14,613	8,951	42,339
Manmade fiber staple and tow			
Total.....	8,104	8,870	84,993
Canada.....	1,218	565	7,301
United Kingdom.....	278	374	1,981
France.....	430	408	1,764
Federal Republic of Germany.....	299	1,053	7,132
Austria.....	3,012	2,786	34,574
Switzerland.....	-	-	9
Italy.....	172	353	3,787
Japan.....	594	746	12,369
Other countries.....	2,101	2,585	16,076

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1976/77 forecast	1975/76 preliminary	1974/75
Supply.....	80.3	84.7	89.6
Stock, August 1.....	22.6	30.5	25.3
Production.....	57.7	54.2	64.3
Distribution.....	80.1	84.9	89.0
Consumption.....	60.9	62.3	58.5
Stocks, July 31.....	19.2	22.6	30.5
Difference <sup>1</sup> .....	-0.2	+0.2	-0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## CURRENT INDUSTRIAL REPORTS

Supplement to Series M22P

Table A.--SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON  
IN THE UNITED STATES  
SEASON OF 1976-1977

The figure on the cotton "carry-over" in the United States as of July 31, 1977 is 2,920,005 bales, according to the Bureau of the Census, Department of Commerce. (LINTERS ARE NOT INCLUDED.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere.<sup>1</sup>

(Running bales, except that imported cotton is in equivalent 500-pound bales)

Supply and distribution	Number of bales
SUPPLY	
Stocks, July 31, 1976, total <sup>1</sup> .....	3,594,008
In consuming establishments.....	1,210,463
In public storage and at compresses.....	2,233,545
Elsewhere (partially estimated) <sup>2</sup> .....	150,000
Net import of foreign cotton.....	37,940
Total imports for consumption.....	37,940
Less: Re-exports (other than withdrawals from bond for export).....	-
Ginnings, crop of 1976, during crop year 1976-1977.....	10,299,909
Total ginnings, crop of 1976.....	10,347,103
Less: Ginnings prior to August 1, 1976.....	47,194
Ginnings, prior to August 1, 1977 crop of 1977.....	85,466
City crop (estimated) <sup>3</sup> .....	10,000
Aggregate supply.....	14,027,323
DISTRIBUTION	
Total exports <sup>4</sup> .....	4,564,624
Consumption, adjusted to calendar year <sup>4</sup> .....	6,477,724
Stocks, July 30, 1977, total <sup>1</sup> .....	2,920,005
In consuming establishments.....	1,054,253
In public storage and at compresses.....	1,790,752
Elsewhere (partially estimated) <sup>2</sup> .....	75,000
Aggregate distribution.....	13,962,353
Excess of reported supply over distribution.....	64,970

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, etc., on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

<sup>3</sup>Rebaled samples and pickings from cotton damaged by fire and weather. Census estimate based on reports from larger pickerie.

<sup>4</sup>Figures for July imports and exports were estimated.

Table B.--SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1976 - 1977

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>
SUPPLY	
Stocks, July 31, 1976.....	444,632
In consuming establishments.....	297,492
In public storage.....	38,721
In oil mills.....	107,419
Elsewhere (partially estimated).....	1,000
Imports.....	70,453
Total imports for consumption <sup>1</sup> .....	70,453
Less: Re-exports.....	-
Production.....	982,851
Aggregate supply.....	1,497,936
DISTRIBUTION	
Exports.....	210,105
Consumption.....	998,561
Stocks, July 30, 1977, total.....	278,951
In consuming establishments.....	201,840
In public storage.....	17,301
In oil mills (estimate).....	58,810
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,487,617
Excess of reported supply over distribution.....	10,319

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.

DESCRIPTION OF SURVEY

*Scope of Survey*—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

REPORTING CALENDAR  
1977

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants battings and pads made from linters by others, and linter pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
13-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
122D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
T-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
T-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

#### CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Paul Finn	(301) 763-5140
To order a Census publication	Daisy Williams	(301) 763-7472
To order micro-film of Census publications	Theresa Allen	(301) 763-5042

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3. 158:



# Consumption on the Cotton System

U.S. Department of Commerce  
BUREAU OF THE CENSUS

SEPTEMBER 1977

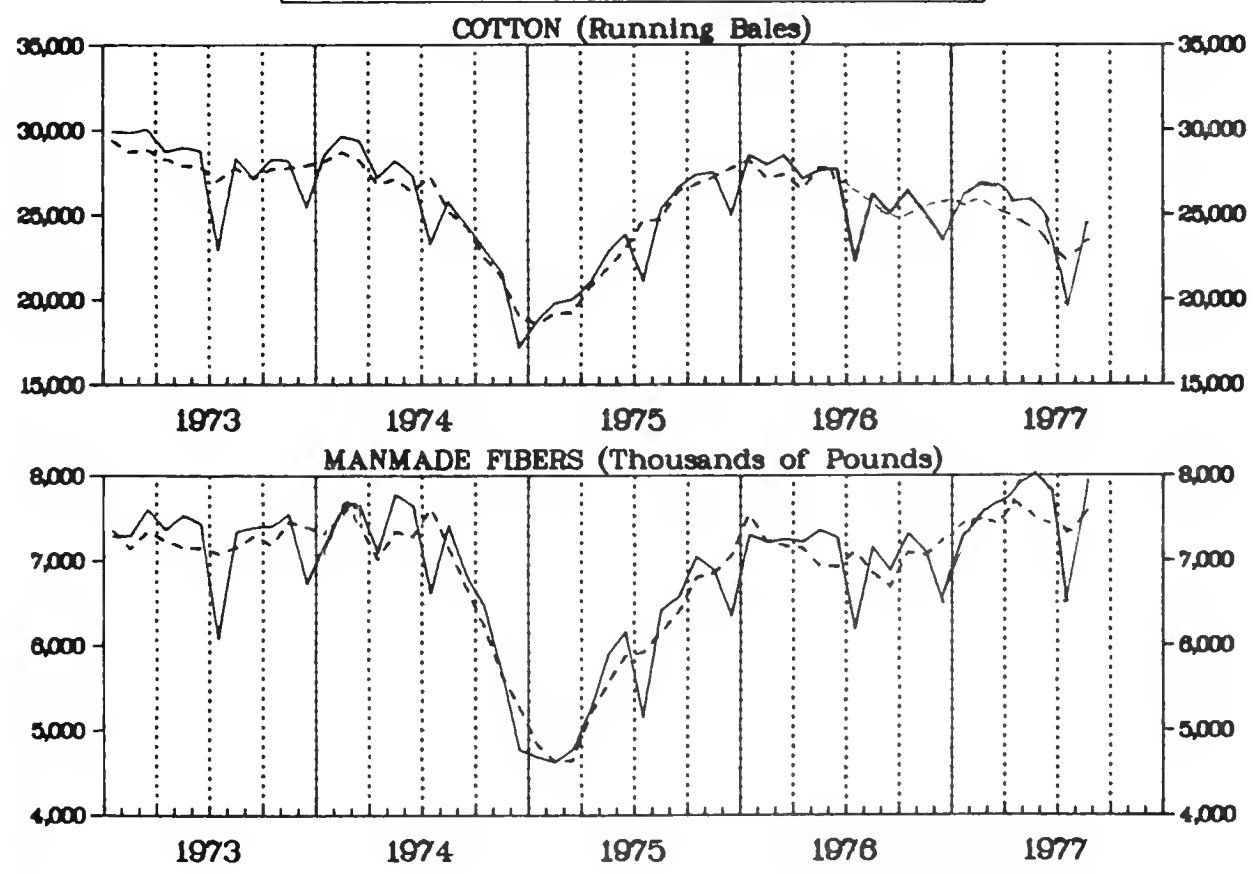
M22P(78)-2  
Issued November 1977

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time

for tabulation. A more complete description of this survey appears on page 12. An annual current industrial report is published in this series and includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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**INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977**  
(Based On 1967 Daily Average = 100)

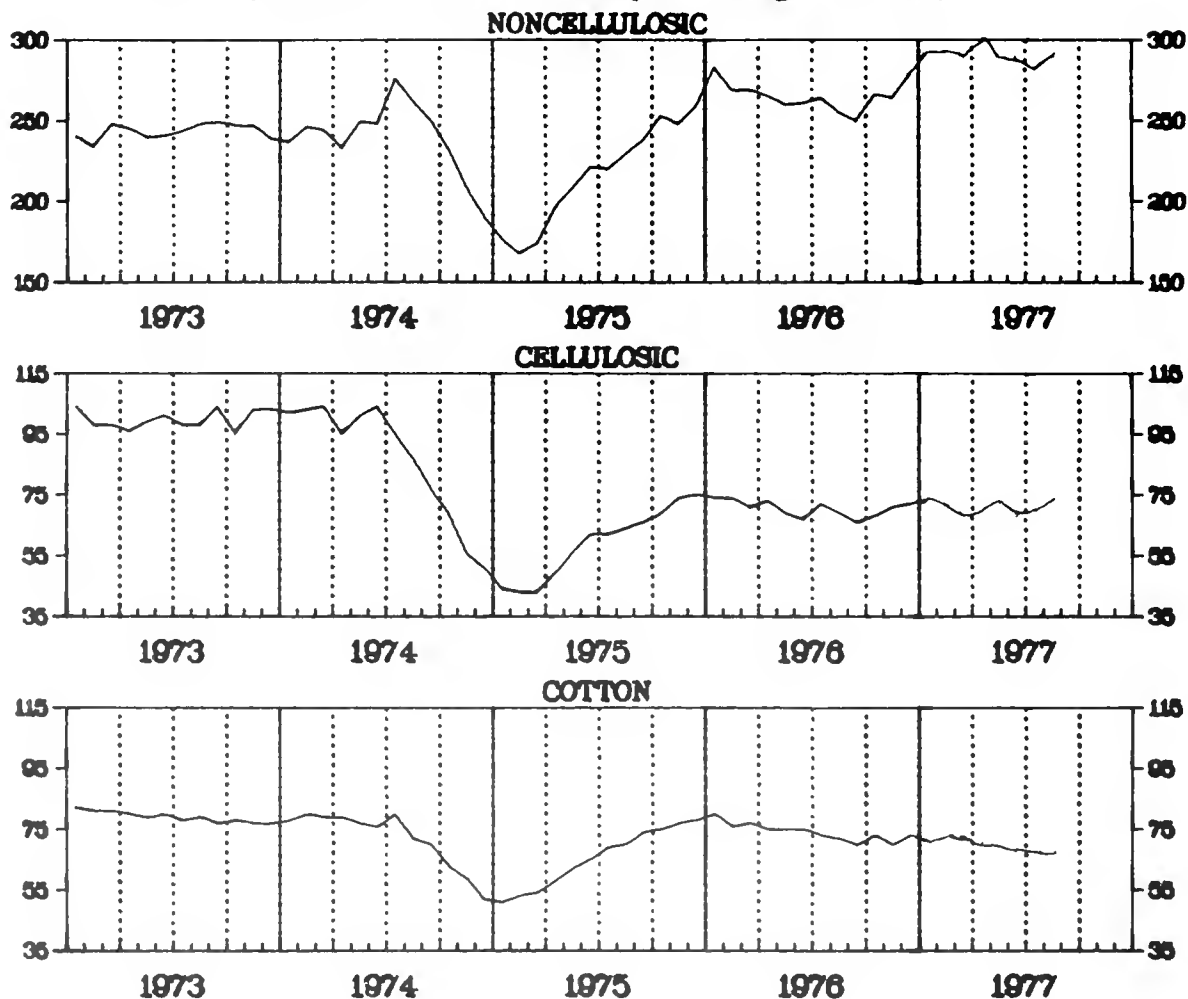


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton	Manmade fibers			Cotton, total	Manmade fiber staple, total	
	Total (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)	(1,000 running bales)	(1,000 pounds)	
1977							
September (5 weeks).....	23,848	7,587	1,518	6,069	7,034	119,708	362
August (4 weeks).....	23,991	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	7,654	1,540	6,114	5,257	157,274	404
1976							
December (5 weeks).....	25,917	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	7,546	1,571	5,975	5,462	162,995	437
1975							
December (5 weeks).....	27,717	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	6,853	1,622	5,231	5,374	147,497	412
October (5 weeks).....	26,779	6,796	1,454	5,342	5,665	129,904	406
September (4 weeks).....	26,387	6,396	1,374	5,022	7,885	120,899	397

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Oct. 21, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1.8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1.8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average <sup>1</sup> spindle hours operated, total (millions)
	Cotton	Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977							
September (5 weeks).....	23,943	7,802	1,551	6,251	3,538	130,003	368
August (4 weeks).....	24,687	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	7,402	1,508	5,894	7,707	151,612	402
1976							
December (5 weeks).....	23,298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	7,298	1,538	5,760	8,008	157,127	435
1975							
December (5 weeks).....	24,977	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	6,895	1,617	5,278	7,045	145,875	418
October (5 weeks).....	27,325	7,043	1,541	5,502	5,053	134,451	421
September (4 weeks).....	26,569	6,566	1,403	5,163	3,974	130,934	403

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holiday. Beginning in August 1977, cotton data are reported in thousand pounds and converted to running bales based on 24 month average weight footage of 496 lbs. for domestic and 480 lbs. for foreign cotton.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1977			
September (5 weeks).....	67	72	288
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
1976			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264
October (4 weeks).....	73	68	266
September (5 weeks).....	70	66	250

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	SEPTEMBER 1977 (AUG. 28 TO OCT. 1)	AUGUST 1977 (JULY 31 TO AUG. 27)	SEPTEMBER 1976 (AUG. 29 TO OCT. 2)
	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION	TOTAL CONSUMP- TION
DOMESTIC AND FOREIGN COTTON, TOTAL (2) . . . . .	296,860	244,877	309,697
BY AREA AND STATE:			
COTTON GROWING STATES. . . . .	295,333	243,621	307,623
ALABAMA . . . . .	39,153	29,873	39,598
GEORGIA . . . . .	54,692	45,086	56,412
NORTH CAROLINA . . . . .	104,532	87,512	106,669
SOUTH CAROLINA . . . . .	75,074	62,782	82,339
TENNESSEE . . . . .	5,439	4,393	6,361
TEXAS . . . . .	2,760	2,338	2,380
VIRGINIA . . . . .	9,012	8,068	8,795
OTHER STATES. . . . .	4,671	3,569	5,069
NEW ENGLAND. . . . .	1,341	1,067	1,763
REST OF UNITED STATES. . . . .	186	189	311
BY TYPE OF COTTON:			
AMERICAN UPLAND, TOTAL . . . . .	293,947	242,345	305,544
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	22,518	18,265	25,033
1 INCH AND 1-1/32 INCH STAPLES. . . . .	79,170	64,389	77,967
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	169,197	141,508	176,083
STAPLES LONGER THAN 1-3/32 INCH . . . . .	16,578	12,757	18,577
STAPLES NOT SPECIFIED BY KIND . . . . .	6,484	15,366	7,884
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	2,005	1,860	2,332
FOREIGN COTTON, TOTAL. . . . .	908	672	1,821
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	908	672	1,413
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .			408
MANMADE FIBER STAPLE (1) (3) . . . . .	195,045	159,663	171,916
RAYON AND ACETATE . . . . .	38,777	32,221	36,044
NYLON . . . . .	8,212	8,781	8,972
ACRYLIC AND MODACRYLIC. . . . .	18,519	15,457	14,841
POLYESTER . . . . .	128,464	101,849	111,084
OTHER MANMADE FIBER . . . . .	1,073	803	975

Notes: (1) Cotton - bales are spring bales except that reports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(2) Revised to report 10 or more from previously published figures.

Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of workdays used were 26 for September 1977, 26 for August 1977 and 25 for September 1976.

Total consumption of cotton in bales was 598,569 bales for September and 493,749 bales for August. Consumption of domestic cotton was 596,577 bales for September and 491,349 bales for August while consumption of foreign cotton was 1,992 bales for September and 2,400 for August. See footnote 1, table 10.

(3) Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without continuing in cooler and worsted mills as follows: September 1977, not available; August 1977, 27,089 and September 1976, 33,411.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	OCTOBER 1, 1977	AUG. 27, 1977	OCTOBER 2, 1976
	STOCKS	STOCKS	STOCKS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	441,363	482,660	470,926
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	438,260	478,965	465,960
ALABAMA . . . . .	61,998	70,923	73,985
CALIFORNIA . . . . .	66,417	74,504	73,830
GEORGIA . . . . .	116,839	131,615	118,021
NORTH CAROLINA . . . . .	156,635	169,645	171,780
TENNESSEE . . . . .	21,305	15,461	11,616
TEXAS . . . . .	2,453	2,606	4,475
VIRGINIA . . . . .	9,710	11,004	9,169
OTHER STATES. . . . .	2,903	3,207	3,084
NEW ENGLAND. . . . .	2,853	3,451	4,624
REST OF UNITED STATES. . . . .	250	244	342
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	431,951	472,648	453,799
AMERICAN-PIMA, SEA ISLAND, AND OTHER			
DOMESTIC COTTON . . . . .	6,079	6,022	7,477
FOREIGN COTTON, TOTAL. . . . .	3,333	<sup>F</sup> 3,990	9,650
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	3,333	<sup>F</sup> 3,990	8,129
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .			1,521
MANMADE FIBER STAPLE (2) . . . . .	130,003	133,927	149,125
RAYON AND ACETATE . . . . .	31,937	31,183	31,769
NYLON . . . . .	4,645	4,991	8,856
ACRYLIC AND MODACRYLIC. . . . .	10,155	11,090	11,344
POLYESTER . . . . .	82,367	86,088	95,986
OTHER MANMADE FIBER . . . . .	899	575	1,170

<sup>F</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Total stocks of cotton in bales held by consuming establishments were 890,069 bales in September and 973,373 bales in August. Stocks of domestic cotton were 883,125 bales in September and 965,060 bales in August while stocks of foreign cotton were 6,944 in September and <sup>F</sup>8,313 in August. See footnote 1, table 1B.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

	OCTOBER 1, 1977	AUGUST 27, 1977	OCTOBER 2, 1976
AREA, STATE, AND TYPE OF MATERIAL	QUANTITY	QUANTITY	QUANTITY
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	2,648,088	1,776,188	1,422,737
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	2,648,015	1,776,127	1,422,602
ALABAMA . . . . .	130,647	93,825	87,058
ARIZONA . . . . .	78,921	92,247	43,422
ARKANSAS . . . . .	272,071	51,121	28,213
CALIFORNIA . . . . .	168,351	208,801	244,960
GEORGIA . . . . .	116,475	119,548	105,418
LOUISIANA . . . . .	109,169	30,785	32,054
MISSISSIPPI . . . . .	339,921	81,514	60,349
MISSOURI . . . . .	54,669	6,820	3,750
NEW MEXICO . . . . .	(1)	(1)	2,942
NORTH CAROLINA . . . . .	52,165	64,118	80,406
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	129,178	137,112	124,955
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	1,050,535	790,006	537,538
VIRGINIA . . . . .	-	-	-
OTHER STATES. . . . .	145,913	100,230	71,537
NEW ENGLAND. . . . .	73	61	135
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	2,625,585	1,749,659	1,394,575
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	19,395	23,552	11,555
FOREIGN COTTON, TOTAL (2). . . . .	3,108	2,977	16,607
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	(D)	(D)	4,556
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	12,051

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on October 1, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	SEPTEMBER 1977	AUGUST 1977	SEPTEMBER 1976
		(AUG. 28 TO OCT. 1)	(JULY 31 TO AUG. 27)	(AUG. 29 TO OCT. 2)
		QUANTITY	QUANTITY	QUANTITY
CONSUMPTION, TOTAL . . . . .	RUN,BALES	102,113	61,434	100,831
BLEACHERS:- RUNNING BALES . . . . .	DO	74,824	39,426	72,656
GROSS WEIGHT. . . . .	M. LBS.	(NA)	(NA)	46,181
OTHER CONSUMERS . . . . .	RUN,BALES	27,289	22,008	28,175
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,704	3,674	4,449
ALL OTHER STATES . . . . .	DO	22,585	18,334	23,726
STOCKS, TOTAL ( END OF PERIOD ) . . . . .	RUN,BALES	215,893	259,884	323,500
BLEACHERS:- RUNNING BALES . . . . .	DO	120,078	156,372	217,443
GROSS WEIGHT. . . . .	M. LBS.	(NA)	(NA)	137,398
OTHER CONSUMERS . . . . .	RUN,BALES	34,992	38,668	35,451
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,563	4,817	5,278
ALL OTHER STATES . . . . .	DO	30,429	33,851	30,173
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	10,076	14,659	14,551
PACIFIC AND MOUNTAIN STATES. . . . .	DO	10,076	14,659	14,551
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	50,747	50,185	56,055

(NA) Not available. <sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running bales based on information reported in pounds.TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	ACTIVE  100 PERCENT COTTON	ACTIVE  100 PERCENT MANMADE FIBERS	ACTIVE  OTHER FIBERS AND BLENDS
September 1977 (August 28 to October 1)				
UNITED STATES, TOTAL . . . . .	17,608	6,834	2,333	7,325
COTTON GROWING STATES . . . . .	17,328	6,783	2,260	7,317
ALABAMA. . . . .	1,706	924	144	543
GEORGIA. . . . .	2,190	1,202	173	690
NORTH CAROLINA . . . . .	6,032	2,558	891	2,283
SOUTH CAROLINA . . . . .	6,218	1,598	930	3,312
TENNESSEE. . . . .	401	288	(D)	95
TEXAS. . . . .	168	23	(D)	(D)
VIRGINIA . . . . .	527	137	(D)	(D)
OTHER STATES . . . . .	86	53	(D)	27
NEW ENGLAND . . . . .	280	51	73	8
REST OF UNITED STATES . . . . .				
August 1977 (July 31 to August 27)				
UNITED STATES, TOTAL . . . . .	17,660	6,807	2,341	7,372
COTTON GROWING STATES . . . . .	17,380	6,757	2,268	7,362
ALABAMA. . . . .	1,708	919	144	552
GEORGIA. . . . .	2,191	1,194	178	688
NORTH CAROLINA . . . . .	6,077	2,518	890	2,355
SOUTH CAROLINA . . . . .	6,218	1,607	938	3,296
TENNESSEE. . . . .	401	290	(D)	94
TEXAS. . . . .	168	23	33	(D)
VIRGINIA . . . . .	531	150	(D)	(D)
OTHER STATES . . . . .	86	56	(D)	26
NEW ENGLAND . . . . .	280	50	73	10
REST OF UNITED STATES . . . . .				

(D) Represents zero.

<sup>r</sup>Revised by 5 percent or more from previously published figures.



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
September 1977 (August 28 to October 1)				
UNITED STATES, TOTAL . . . . .	9,199	3,439	1,409	4,351
COTTON GROWING STATES . . . . .	9,146	3,424	1,374	4,348
ALABAMA . . . . .	900	528	86	286
GEORGIA . . . . .	1,191	666	97	428
NORTH CAROLINA . . . . .	2,921	1,037	548	1,336
SOUTH CAROLINA . . . . .	3,465	901	579	1,985
TENNESSEE . . . . .	269	178	(D)	(D)
TEXAS . . . . .	73	5	(D)	(D)
VIRGINIA . . . . .	277	75	(D)	(D)
OTHER STATES . . . . .	50	34	(D)	(D)
NEW ENGLAND . . . . .	53	15	35	3
REST OF UNITED STATES . . . . .				
August 1977 (July 31 to August 27)				
UNITED STATES, TOTAL . . . . .	8,105	3,344	1,148	3,613
COTTON GROWING STATES . . . . .	8,061	3,332	1,119	3,610
ALABAMA . . . . .	725	431	72	222
GEORGIA . . . . .	960	531	79	350
NORTH CAROLINA . . . . .	2,953	1,365	442	1,146
SOUTH CAROLINA . . . . .	2,880	761	474	1,645
TENNESSEE . . . . .	214	145	(D)	(D)
TEXAS . . . . .	62	4	(D)	(D)
VIRGINIA . . . . .	228	67	(D)	(D)
OTHER STATES . . . . .	39	28	(D)	(D)
NEW ENGLAND . . . . .	44	12	29	3
REST OF UNITED STATES . . . . .				

- Represents zero.

† Revised by 5 percent or more from previously published figures.

TABLE 8.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	August 1977	July 1977	Cotton season 1 month through August 1977
Cotton			
Total.....	181,240	281,511	181,240
Canada.....	15,181	4,287	15,181
India.....	-	11,374	-
South Vietnam.....	-	-	-
Indonesia.....	3,910	24,826	3,910
Republic of Philippines.....	2,957	3,183	2,957
Republic of Korea.....	60,754	88,034	60,754
China-Taiwan.....	16,228	47,292	16,228
Japan.....	37,823	44,517	37,823
Other countries.....	44,387	57,998	44,387
Linters			
Total.....	13,461	12,405	13,461
Canada.....	2,791	3,178	2,791
Mexico.....	50	58	50
United Kingdom.....	-	126	-
Federal Republic of Germany.....	4,748	3,320	4,748
Japan.....	4,867	4,434	4,867
Other countries.....	1,005	1,289	1,005
Manmade fiber staple and tow			
Total.....	25,952	34,875	25,952
Canada.....	5,067	3,455	5,067
Brazil.....	491	782	491
United Kingdom.....	101	501	101
Netherlands.....	243	-	243
Belgium.....	2,891	2,312	2,891
Federal Republic of Germany.....	367	786	367
Switzerland.....	275	304	275
U.S.S.R.....	-	1	-
Hong Kong.....	93	5,905	93
Japan.....	32	161	32
Australia.....	918	2,295	918
Other countries.....	15,474	18,373	15,474

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 2663220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 9.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	August 1977	July 1977	Cotton season 1 month through August 1977
Cotton			
Total.....	1,035	1,483	1,035
Mexico.....	-	-	-
Peru.....	810	-	810
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	225	-	225
Sudan.....	-	1,483	-
Other countries.....	-	-	-
Linters			
Total.....	2,470	17,136	2,470
Mexico.....	1,633	2,137	1,633
Brazil.....	78	386	78
Other countries.....	759	14,613	759
Manmade fiber staple and tow			
Total.....	8,160	8,104	8,160
Canada.....	648	1,218	648
United Kingdom.....	270	278	270
France.....	512	430	512
Federal Republic of Germany.....	534	299	534
Austria.....	2,627	3,012	2,627
Switzerland.....	-	-	-
Italy.....	362	172	362
Japan.....	946	594	946
Other countries.....	2,261	2,101	2,261

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1976/77 forecast	1975/76 preliminary	1974/75
Supply.....	80.2	84.3	89.1
Stock, August 1.....	22.2	30.1	24.8
Production.....	58.0	54.2	64.3
Distribution.....	80.1	84.3	88.6
Consumption.....	61.3	62.1	58.5
Stocks, July 31.....	18.8	22.2	30.1
Difference <sup>1</sup> .....	-0.1	0.0	-0.5

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

REPORTING CALENDAR  
1977

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

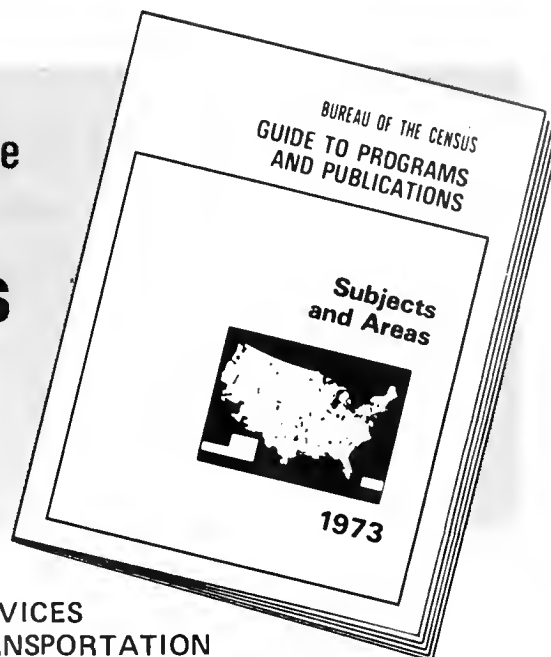
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# Consumption on the Cotton System



M 22 P (78) - 4

U.S. Department of Commerce  
BUREAU OF THE CENSUS

NOVEMBER 1977

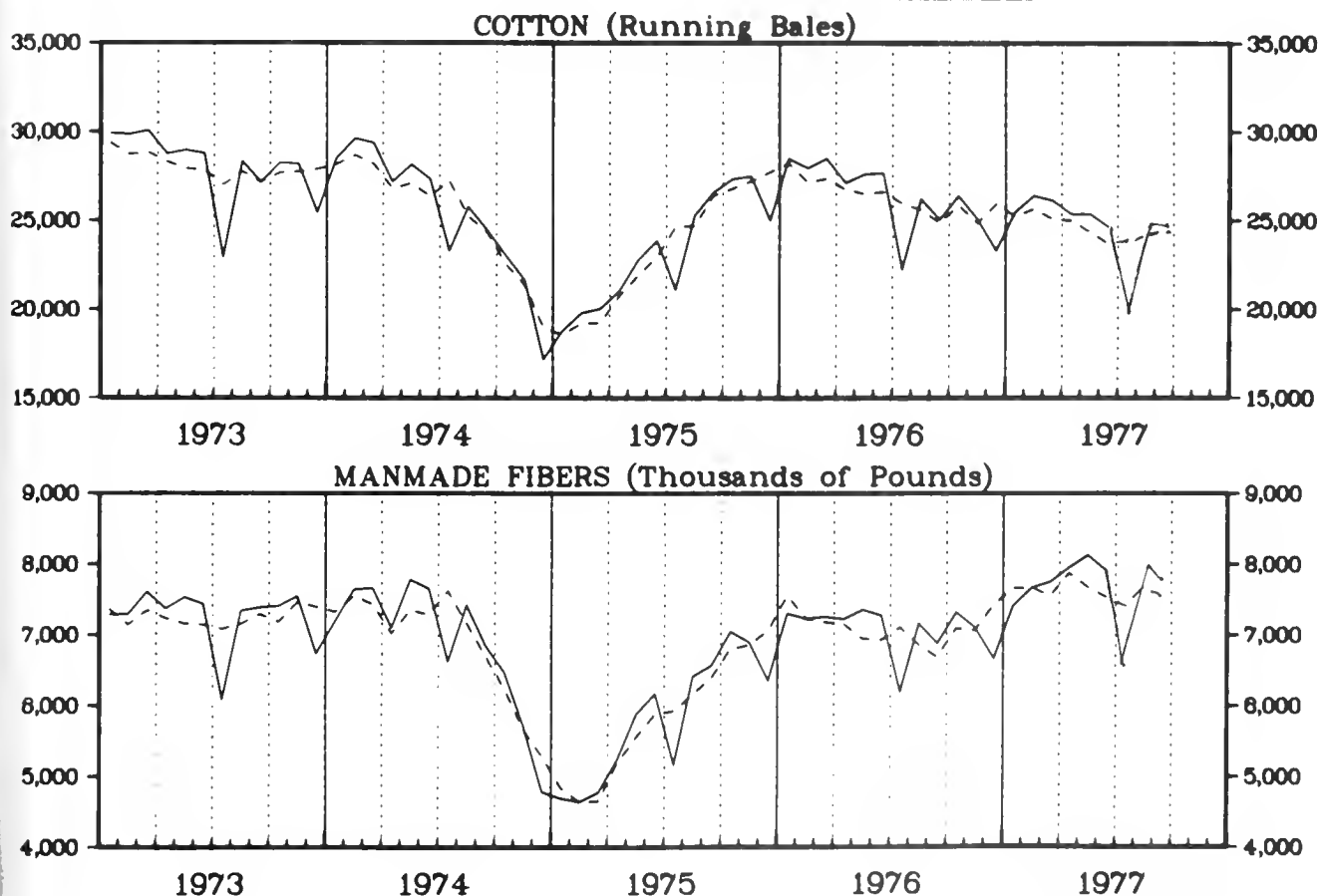
M22P(78)-4  
Issued January 1978

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 12. An annual current industrial report is published in this series. The annual report includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977  
(Based On 1967 Daily Average = 100)

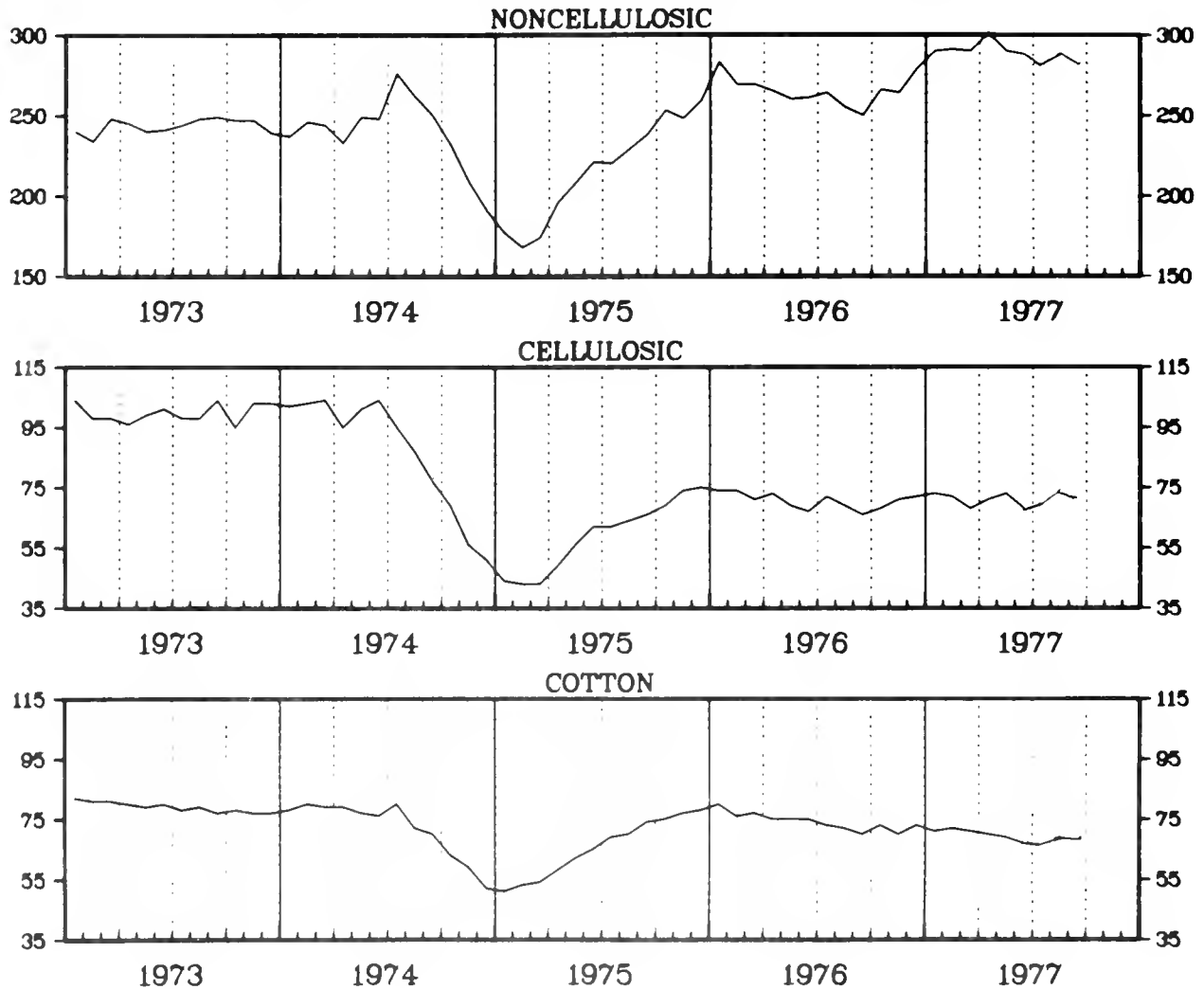


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average spindle hours operated, total <sup>1</sup> (millions)
	Cotton, total  (1,000 running bales)	Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
		Total  (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977							
November (4 weeks).....	24,813	8,356	1,514	6,842	7,677	126,649	407
October (4 weeks).....	24,701	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	7,654	1,540	6,114	5,257	157,274	404
1976							
December (5 weeks).....	25,917	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	7,546	1,571	5,975	5,462	162,995	437
1975							
December (5 weeks).....	27,717	7,059	1,595	5,464	5,566	159,052	422
November (4 weeks).....	27,205	6,853	1,622	5,231	5,374	147,497	412

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Dec. 22, 1977. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average spindle hours operated, total <sup>1</sup> (millions)
	Cotton total (1,000 running bales)	Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
		Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977							
November (4 weeks).....	25,160	8,405	1,508	6,897	10,034	125,383	413
October (4 weeks).....	25,590	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	7,402	1,508	5,894	7,707	151,612	402
1976							
December (5 weeks).....	23,298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	7,298	1,538	5,760	8,008	157,127	435
1975							
December (5 weeks).....	24,977	6,350	1,416	4,934	8,599	159,052	378
November (4 weeks).....	27,481	6,895	1,617	5,278	7,045	145,875	418

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holiday. Beginning in August 1977, cotton data are reported in thousand pounds and converted to running bales based on 24 month average weight footage of 496 lbs. for domestic and 480 lbs. for foreign cotton.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1977</b>			
November (4 weeks).....	70	71	324
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
<b>1976</b>			
December (5 weeks).....	73	72	279
November (4 weeks).....	70	71	264

TABLE 2.--TOTAL CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	NOVEMBER 1977 (OCT. 30 TO NOV. 26)	OCTOBER 1977 (OCT. 2 TO OCT. 29)	NOVEMBER 1976 (OCT. 31 TO NOV. 27)
DOMESTIC AND FOREIGN COTTON, TOTAL (2) . . . . .	249,571	253,832	247,402
BY AREA AND STATE:			
COTTON GROWING STATES. . . . .	248,508	252,747	245,725
ALABAMA . . . . .	33,719	33,792	31,206
GEORGIA . . . . .	43,586	45,496	45,759
NORTH CAROLINA . . . . .	88,010	90,604	85,089
SOUTH CAROLINA . . . . .	65,996	64,594	65,019
TENNESSEE . . . . .	4,522	4,652	4,561
TEXAS . . . . .	2,449	2,460	2,168
VIRGINIA . . . . .	7,250	8,029	8,165
OTHER STATES. . . . .	2,976	3,120	3,758
NEW ENGLAND. . . . .	898	920	1,427
REST OF UNITED STATES. . . . .	165	165	250
BY TYPE OF COTTON:			
AMERICAN UPLAND, TOTAL . . . . .	247,354	251,162	244,162
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	17,214	18,789	20,811
1 INCH AND 1-1/32 INCH STAPLES. . . . .	65,715	66,527	64,198
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	140,506	145,483	138,489
STAPLES LONGER THAN 1-3/32 INCH . . . . .	13,413	13,987	14,324
STAPLES NOT SPECIFIED BY KIND . . . . .	10,506	6,376	6,340
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	1,807	1,975	1,729
FOREIGN COTTON, TOTAL. . . . .	410	695	1,511
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	394	678	1,213
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	16	17	298
MANMADE FIBER STAPLE (1) (3) . . . . .	168,092	161,511	141,983
RAYON AND ACETATE . . . . .	30,158	32,761	29,906
NYLON . . . . .	8,448	7,455	7,365
ACRYLIC AND MODACRYLIC. . . . .	13,942	15,415	11,792
POLYESTER . . . . .	114,741	104,925	92,317
OTHER MANMADE FIBER . . . . .	803	955	603

Note: Cotton-bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple--thousands of pounds.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for November 1977; 20 for October 1977 and 20 for November 1976.

<sup>2</sup>Total consumption of cotton in bales was 503,195 bales for November and 511,805 bales for October. Consumption of domestic cotton was 502,341 bales for November and 510,357 bales for October while consumption of foreign cotton was 854 bales for November and 1,448 bales for October.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: November 1977 not available; October 1977, 29,965 and November 1976, 25,779.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE  
HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	NOV. 26, 1977	OCT. 29, 1977	NOV. 27, 1976
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	432,637	414,150	434,239
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	419,127	410,845	428,517
ALABAMA . . . . .	66,803	60,096	63,913
CALIFORNIA. . . . .	67,345	66,646	67,810
GEORGIA . . . . .	112,132	108,540	107,028
NORTH CAROLINA. . . . .	137,701	133,622	147,004
SOUTH CAROLINA. . . . .	28,406	28,572	25,387
TENNESSEE . . . . .	4,197	2,282	4,707
TEXAS . . . . .	9,507	9,318	9,772
VIRGINIA. . . . .	3,036	1,769	2,896
OTHER STATES. . . . .			
NEW ENGLAND. . . . .	3,295	13,062	5,481
REST OF UNITED STATES. . . . .	215	243	241
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	424,868	405,620	420,250
AMERICAN-PIMA, SEA ISLAND, AND OTHER			
DOMESTIC COTTON . . . . .	5,004	15,434	6,148
FOREIGN COTTON, TOTAL. . . . .	2,765	3,096	7,847
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	2,725	3,039	6,700
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	40	57	1,147
MANMADE FIBER STAPLE (2) . . . . .	125,383	125,372	141,22
RAYON AND ACETATE . . . . .	27,670	29,308	30,58
NYLON . . . . .	5,417	4,800	7,27
ACRYLIC AND MODACRYLIC. . . . .	9,891	10,145	9,76
POLYESTER . . . . .	81,784	80,419	92,66
OTHER MANMADE FIBER . . . . .	621	700	93

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Total stocks of cotton in bales held by consuming establishments were 872,437 bales in November and 835,188 bales in October. Stocks of domestic cotton were 866,677 bales in November and 828,738 bales in October while stocks of foreign cotton were 5,760 in November and 6,450 in October.

<sup>3</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	NOV. 26, 1977	OCT. 29, 1977	NOV. 27, 1976
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	9,161,176	6,260,630	5,927,231
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	9,161,003	6,260,504	5,927,020
ALABAMA . . . . .	249,626	<sup>r</sup> 217,029	283,189
ARIZONA . . . . .	467,989	210,438	382,028
ARKANSAS. . . . .	660,596	660,101	493,884
CALIFORNIA. . . . .	1,450,091	<sup>r</sup> 729,436	1,283,583
GEORGIA . . . . .	165,624	157,760	211,123
LOUISIANA . . . . .	597,731	461,253	480,084
MISSISSIPPI . . . . .	1,076,393	1,016,240	714,126
MISSOURI. . . . .	202,944	193,169	147,012
NEW MEXICO. . . . .	( <sup>1</sup> )	52,315	47,945
NORTH CAROLINA. . . . .	74,580	60,649	105,547
OKLAHOMA. . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA. . . . .	241,910	208,301	207,534
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	3,519,905	2,009,193	1,313,274
VIRGINIA. . . . .	-	-	-
OTHER STATES. . . . .	453,614	284,620	257,691
NEW ENGLAND. . . . .	173	126	211
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	9,077,807	6,231,073	5,885,126
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	80,695	26,553	27,120
FOREIGN COTTON, TOTAL (2). . . . .	2,674	3,004	14,985
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	(D)	(D)	3,538
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	11,447

(D) Withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on November 26, 1977 were withheld to avoid disclosing figures for individual companies.

TABLE 5.--QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	NOVEMBER 1977 (OCT. 30 TO NOV. 26)	OCTOBER 1977 (OCT. 2 TO OCT. 29)	NOVEMBER 1976 (OCT. 31 TO NOV. 27)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	76,205	82,420	72,141
BLEACHERS:- RUNNING BALES . . . . .	DO	56,794	61,440	53,475
GROSS WEIGHT. . . . .	M. LBS.	(NA)	(NA)	33,991
OTHER CONSUMERS . . . . .	RUN. BALES	19,411	20,980	18,666
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,104	3,300	3,177
ALL OTHER STATES . . . . .	DO	16,307	17,680	15,489
STOCKS, TOTAL ( END OF PERIOD ) . . . . .	RUN. BALES	233,848	215,119	313,179
BLEACHERS:- RUNNING BALES . . . . .	DO	116,714	107,351	180,606
GROSS WEIGHT. . . . .	M. LBS.	(NA)	(NA)	113,912
OTHER CONSUMERS . . . . .	RUN. BALES	32,415	31,912	36,832
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,282	4,294	6,061
ALL OTHER STATES . . . . .	DO	28,133	27,618	30,771
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	8,875	<sup>r</sup> 8,499	11,529
PACIFIC AND MOUNTAIN STATES. . . . .	DO	8,875	<sup>r</sup> 8,499	11,529
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	75,844	67,357	84,212

(NA) Not available. <sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running bales based on information reported in pounds.TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
NOVEMBER 1977 (OCTOBER 30 TO NOVEMBER 26)				
UNITED STATES, TOTAL . . . . .	17,647	6,797	2,363	7,418
COTTON GROWING STATES . . . . .	17,367	6,753	2,291	7,409
ALABAMA. . . . .	1,698	910	123	533
GEORGIA. . . . .	2,164	1,181	192	720
NORTH CAROLINA . . . . .	6,069	2,566	896	2,302
SOUTH CAROLINA . . . . .	6,260	1,613	955	3,358
TENNESSEE. . . . .	401	284	(D)	101
TEXAS. . . . .	162	31	35	(D)
VIRGINIA . . . . .	527	111	(D)	(D)
OTHER STATES . . . . .	86	57	-	28
NEW ENGLAND . . . . .	280	44	72	9
REST OF UNITED STATES . . . . .				
OCTOBER 1977 (OCTOBER 2 TO OCTOBER 29)				
UNITED STATES, TOTAL . . . . .	17,693	6,846	2,384	7,380
COTTON GROWING STATES . . . . .	17,413	6,801	2,312	7,371
ALABAMA. . . . .	1,690	903	133	520
GEORGIA. . . . .	2,181	1,203	191	717
NORTH CAROLINA . . . . .	6,079	2,584	905	2,280
SOUTH CAROLINA . . . . .	6,282	1,627	962	3,344
TENNESSEE. . . . .	400	278	(D)	104
TEXAS. . . . .	168	31	31	(D)
VIRGINIA . . . . .	527	119	(D)	(D)
OTHER STATES . . . . .	86	56	-	29
NEW ENGLAND . . . . .	280	45	72	9
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
NOVEMBER 1977 (OCTOBER 30 TO NOVEMBER 26)				
UNITED STATES, TOTAL . . . . .	8,257	3,371	1,118	3,768
COTTON GROWING STATES . . . . .	8,219	3,362	1,092	3,765
ALABAMA. . . . .	726	431	62	233
GEORGIA. . . . .	966	535	83	348
NORTH CAROLINA . . . . .	2,957	1,369	427	1,161
SOUTH CAROLINA . . . . .	3,028	797	470	1,761
TENNESSEE. . . . .	225	144	(D)	(D)
TEXAS. . . . .	59	8	(D)	(D)
VIRGINIA . . . . .	224	54	(D)	(D)
OTHER STATES . . . . .	34	24	-	10
NEW ENGLAND . . . . .	38	9	26	3
REST OF UNITED STATES . . . . .				
OCTOBER 1977 (OCTOBER 2 TO OCTOBER 29)				
UNITED STATES, TOTAL . . . . .	8,298	3,482	1,112	3,704
COTTON GROWING STATES . . . . .	8,257	3,471	1,085	3,701
ALABAMA. . . . .	731	439	67	225
GEORGIA. . . . .	982	556	82	344
NORTH CAROLINA . . . . .	2,961	1,408	427	1,126
SOUTH CAROLINA . . . . .	3,007	820	459	1,728
TENNESSEE. . . . .	231	149	(D)	(D)
TEXAS. . . . .	66	8	(D)	(D)
VIRGINIA . . . . .	241	65	(D)	(D)
OTHER STATES . . . . .	38	26	-	12
NEW ENGLAND . . . . .	41	11	27	3
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

TABLE 8.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and lintens; thousand pounds for staple)

Country to which exported	October 1977	September 1977	Cotton season 3 months through October 1977
Cotton			
Total.....	149,101	200,492	530,833
Canada.....	19,115	15,132	49,428
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	4,534	8,399	16,843
Republic of Philippines.....	2,090	14,842	19,889
Republic of Korea.....	36,524	74,402	171,680
China-Taiwan.....	15,582	8,362	40,172
Japan.....	21,206	34,883	93,912
Other countries.....	50,050	44,472	138,909
Linters			
Total.....	10,424	14,012	37,897
Canada.....	2,733	2,876	8,400
Mexico.....	-	31	81
United Kingdom.....	286	112	398
Federal Republic of Germany.....	2,661	6,111	13,520
Japan.....	3,963	3,553	12,383
Other countries.....	781	1,329	3,115
Manmade fiber staple and tow			
Total.....	23,391	28,724	78,067
Canada.....	3,761	4,719	13,547
Brazil.....	539	588	1,618
United Kingdom.....	58	646	805
Netherlands.....	108	308	659
Belgium.....	918	1,917	5,726
Federal Republic of Germany.....	117	603	1,087
Switzerland.....	2	330	607
U.S.S.R.....	-	-	-
Hong Kong.....	1,849	1,178	3,120
Japan.....	54	160	246
Australia.....	201	2,095	3,214
Other countries.....	15,784	16,180	47,438

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; lintens, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 2663220.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 9.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	October 1977	September 1977	Cotton season 3 months through October 1977
<b>Cotton</b>			
Total.....	869	777	2,681
Mexico.....	-	-	-
Peru.....	-	627	1,437
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	151	148	524
Sudan.....	718	-	718
Other countries.....	-	2	2
<b>Linters</b>			
Total.....	4,465	2,154	9,089
Mexico.....	2,340	2,013	5,986
Brazil.....	-	-	78
Other countries.....	2,125	141	3,025
<b>Manmade fiber staple and tow</b>			
Total.....	4,874	6,905	19,939
Canada.....	381	646	1,675
United Kingdom.....	400	235	905
France.....	469	642	1,623
Federal Republic of Germany.....	153	675	1,362
Austria.....	724	2,655	6,006
Switzerland.....	-	-	-
Italy.....	96	508	966
Japan.....	976	508	2,430
Other countries.....	1,675	1,036	4,972

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	83.9	80.5	84.3
Stock, August 1.....	19.2	22.3	30.1
Production.....	64.7	58.2	54.2
Distribution.....	84.0	80.5	84.4
Consumption.....	61.5	61.3	62.1
Stocks, July 31.....	22.5	19.2	22.3
Difference <sup>1</sup> .....	+0.1	0	+0.1

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

REPORTING CALENDAR  
1977

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

<b>Series</b>	<b>Frequency</b>	<b>Title</b>	<b>Subject Area</b>	<b>Contact</b>	<b>Phone Number</b>
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Paul Finn	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order micro-film of Census publications	Theresa Allen	(301) 763-5042

#### CONTACTS FOR DATA USERS

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# CURRENT CONSTRUCTION REPORTS

**CONSTRUCTION** accounts for approximately 12 percent of the gross national product!

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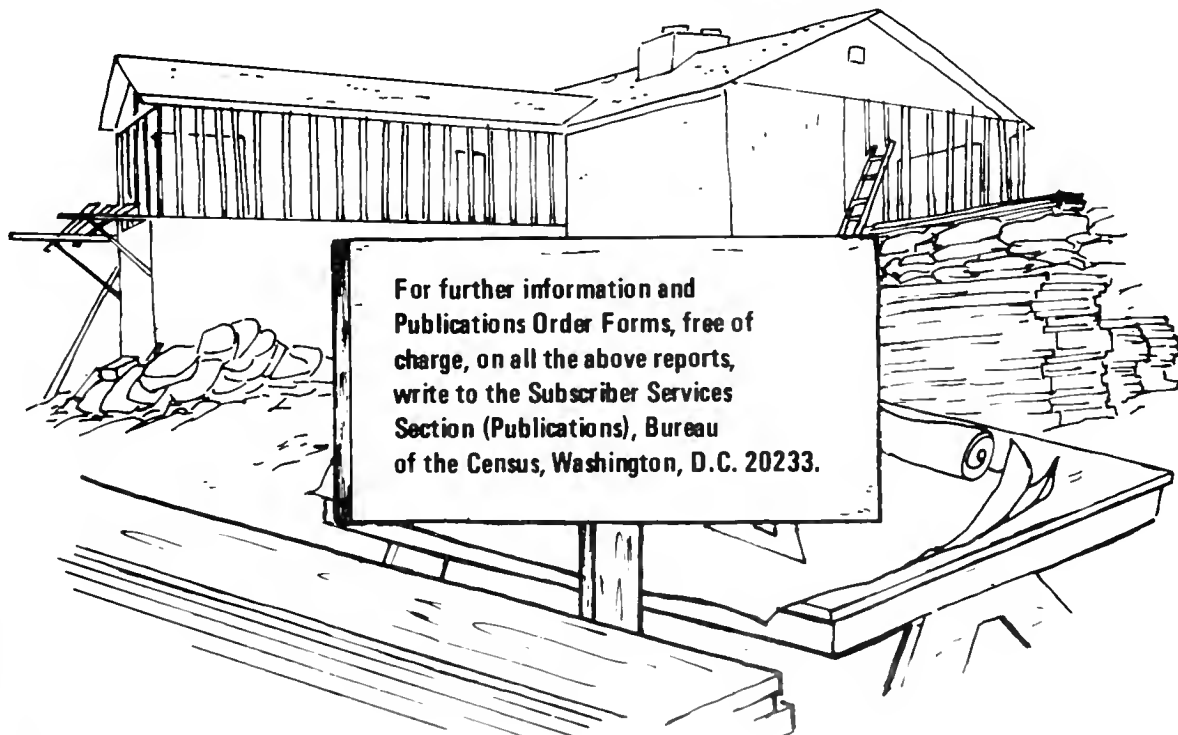
C30 - Value of New Construction Put in Place

C40 - Housing Authorized by Building Permits and Public Contracts

C41 - Authorized Construction—Washington, D.C. Area

C45 - Permits Issued for Demolition of Residential Structures in Selected Cities

C50 - Expenditures on Residential Additions, Alterations, Maintenance and Repairs, and Replacements



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3. 158:

# Consumption on the Cotton System

DECEMBER 1977

M22P(78)-5  
Issued February 1978



U.S. Department of Commerce  
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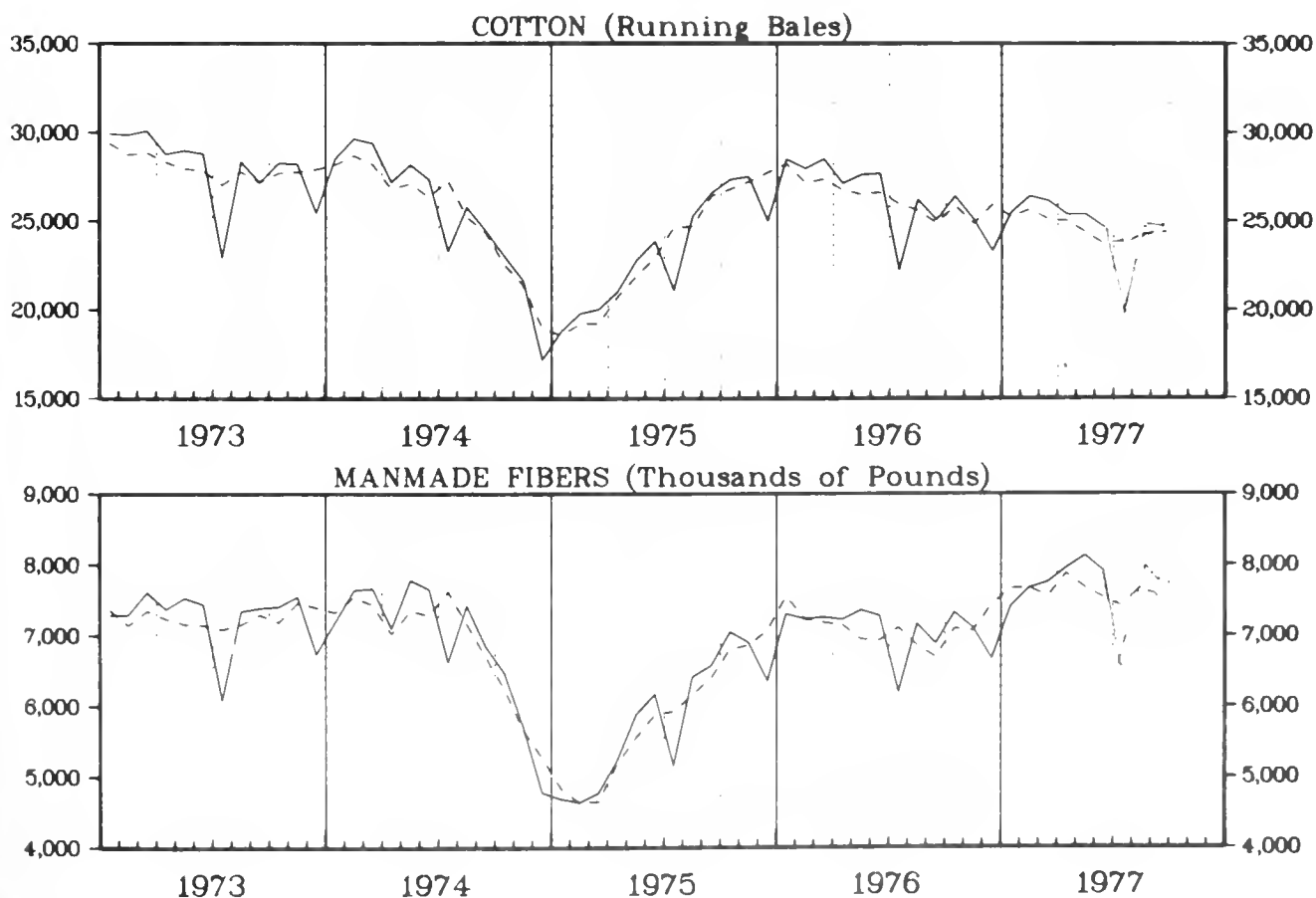
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The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 12. An annual current industrial report is published in this series. The annual report includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Virginia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1977  
(Based On 1967 Daily Average = 100)

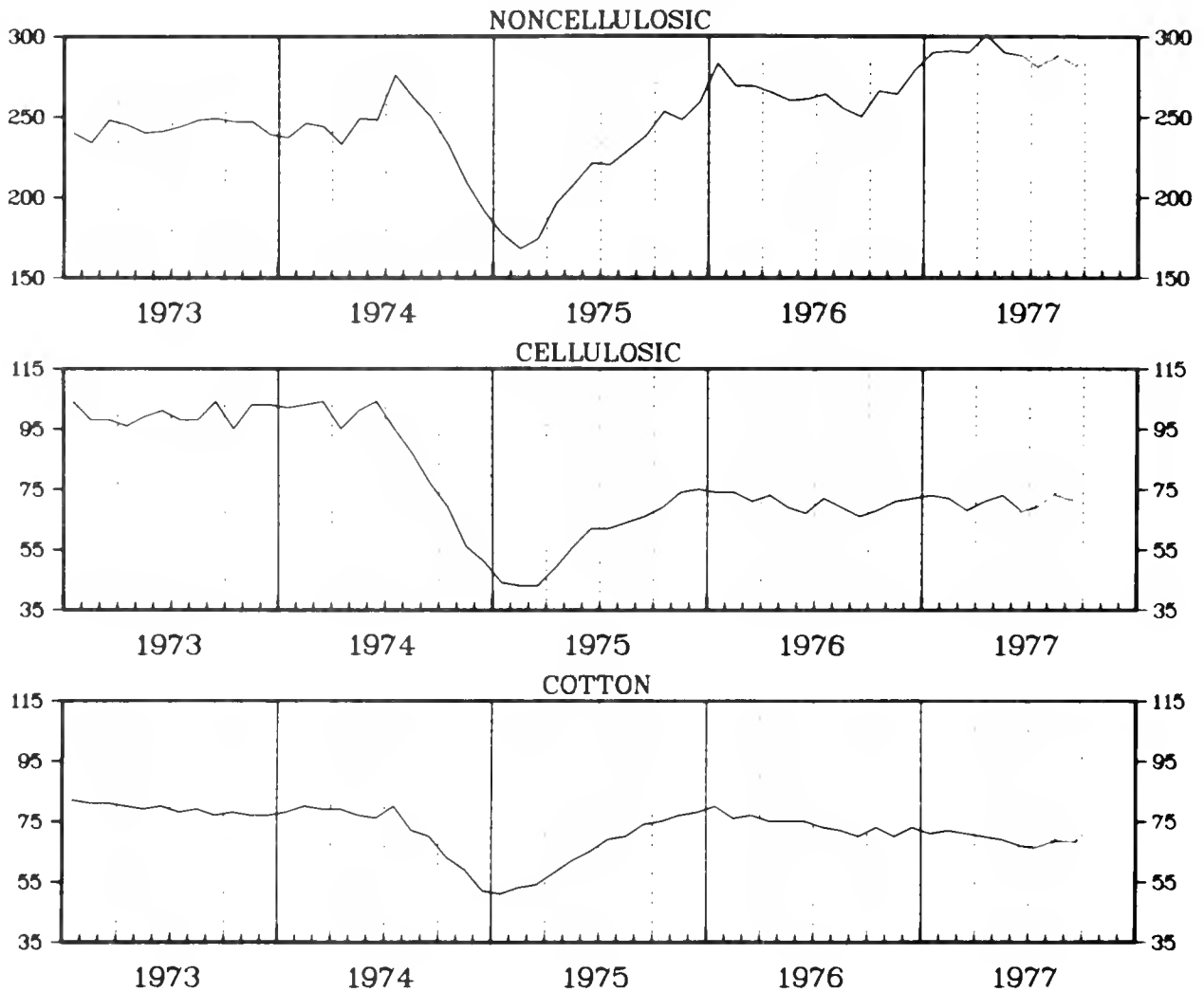


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average spindle hours operated, total <sup>1</sup> (millions)
	Cotton, total  (1,000 running bales)	Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
		Total  (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977							
December (5 weeks).....	25,954	7,925	1,485	6,440	7,234	118,195	405
November (4 weeks).....	24,887	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	24,701	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	7,654	1,540	6,114	5,257	157,274	404
1976							
December (5 weeks).....	25,917	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	7,546	1,571	5,975	5,462	162,995	437
1975							
December (5 weeks).....	27,717	7,059	1,595	5,464	5,566	159,052	422

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Jan. 25, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average spindle hours operated, total <sup>1</sup> (millions)
	Cotton total  (1,000 running bales)	Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
		Total  (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1977							
December (5 weeks).....	22,398	7,112	1,316	5,796	11,198	118,431	362
November (4 weeks).....	25,235	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	7,402	1,508	5,894	7,707	151,612	402
1976							
December (5 weeks).....	23,298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	7,298	1,538	5,760	8,008	157,127	435
1975							
December (5 weeks).....	24,977	6,350	1,416	4,934	8,599	159,052	378

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holiday. Beginning in August 1977, cotton data are reported in thousand pounds and converted to running bales based on 24 month average weight footage of 496 lbs. for domestic and 480 lbs. for foreign cotton.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1977			
December (5 weeks).....	73	70	305
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290
1976			
December (5 weeks).....	73	72	279

TABLE 2.--CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 1977 (NOV. 27 TO DEC. 31	NOVEMBER 1977 (OCT. 30 TO NOV. 26)	DECEMBER 1976 (NOV. 28 TO JAN. 1, 1977)
DOMESTIC AND FOREIGN COTTON, TOTAL (2) . . . . .	277,724	250,316	286,988
BY AREA AND STATE:			
COTTON GROWING STATES. . . . .	276,300	249,216	284,761
ALABAMA . . . . .	38,855	33,495	38,919
GEORGIA . . . . .	49,680	43,665	50,935
NORTH CAROLINA . . . . .	96,314	88,447	98,865
SOUTH CAROLINA . . . . .	73,038	66,366	75,192
TENNESSEE . . . . .	4,933	4,553	5,198
TEXAS . . . . .	2,603	2,445	2,265
VIRGINIA . . . . .	6,974	7,269	9,061
OTHER STATES. . . . .	3,903	2,976	4,325
NEW ENGLAND. . . . .	1,244	928	1,991
REST OF UNITED STATES. . . . .	180	172	236
BY TYPE OF COTTON:			
AMERICAN UPLAND, TOTAL . . . . .	275,132	248,001	282,929
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	20,502	17,361	23,125
1 INCH AND 1-1/32 INCH STAPLES. . . . .	72,724	66,532	76,681
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	155,286	142,956	160,861
STAPLES LONGER THAN 1-3/32 INCH . . . . .	16,109	13,474	14,908
STAPLES NOT SPECIFIED BY KIND . . . . .	10,511	7,678	7,354
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	2,117	1,893	2,231
FOREIGN COTTON, TOTAL. . . . .	475	422	1,828
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	456	406	1,363
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	19	16	460
MANMADE FIBER STAPLE (1) (3) . . . . .	177,805	162,535	166,532
RAYON AND ACETATE . . . . .	32,904	30,170	34,017
NYLON . . . . .	8,009	8,507	8,240
ACRYLIC AND MODACRYLIC. . . . .	14,836	13,869	13,449
POLYESTER . . . . .	120,909	109,057	110,193
OTHER MANMADE FIBER . . . . .	1,147	932	633

Note: Cotton-bales are running bales except that imports are in 500 lbs equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple--thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for December 1977; 20 for November 1977 and 25 for December 1976.

<sup>3</sup>Total consumption of cotton in bales was 559,960 bales for December and 504,698 bales for November. Consumption of domestic cotton was 558,970 bales for December and 503,819 bales for November while consumption of foreign cotton was 990 bales for December and 879 bales for November.

<sup>4</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: December 1977 not available; November 1977, 26,095 and December 1976, 30,947.

TABLE 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE  
HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	DEC. 31, 1977	NOV. 26, 1977	JAN. 1, 1977
DOMESTIC AND FOREIGN COTTON, TOTAL <sup>(1)</sup> . . . . .	459,766	431,494	482,837
BY AREA AND STATE:			
COTTON-GROWING STATES . . . . .	456,695	427,977	477,967
ALABAMA . . . . .	71,850	68,843	63,781
CALIFORNIA . . . . .	68,969	64,581	69,866
GEORGIA . . . . .	119,338	112,919	129,510
NORTH CAROLINA . . . . .	146,826	137,029	169,338
SOUTH CAROLINA . . . . .	29,735	28,093	28,468
TENNESSEE . . . . .	4,910	4,189	5,308
TEXAS . . . . .	10,910	9,287	8,680
VIRGINIA . . . . .	4,157	3,036	3,016
OTHER STATES . . . . .			
NEW ENGLAND . . . . .	2,842	3,302	4,567
REST OF UNITED STATES . . . . .	229	215	303
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	452,357	423,642	471,248
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,277	5,095	4,957
FOREIGN COTTON, TOTAL . . . . .	2,132	2,757	6,632
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	2,107	2,716	5,737
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	25	41	895
MANMADE FIBER STAPLE (2) . . . . .	118,431	121,529	148,492
RAYON AND ACETATE . . . . .	26,140	28,116	31,564
NYLON . . . . .	4,910	5,340	6,342
ACRYLIC AND MODACRYLIC . . . . .	9,998	9,573	11,713
POLYESTER . . . . .	77,039	77,679	98,104
OTHER MANMADE FIBER . . . . .	344	821	769

<sup>2</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Total stocks of cotton in bales held by consuming establishments were 927,091 bales in December and 870,133 bales in November. Stocks of domestic cotton were 922,649 bales in December and 864,389 bales in November while stocks of foreign cotton were 4,442 in December and 5,744 in November.<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON; RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	DEC. 31, 1977	NOV. 26, 1977	JAN. 1, 1977
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	10,271,158	9,207,244	7,392,454
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	10,270,969	9,207,071	7,392,226
ALABAMA . . . . .	257,714	<sup>r</sup> 236,387	305,297
ARIZONA . . . . .	622,059	467,989	551,094
ARKANSAS . . . . .	601,782	660,596	424,086
CALIFORNIA . . . . .	1,718,173	1,448,754	1,549,602
GEORGIA . . . . .	188,809	166,156	223,629
LOUISIANA . . . . .	570,849	580,822	425,069
MISSISSIPPI . . . . .	1,031,003	1,109,833	649,416
MISSOURI . . . . .	179,882	202,944	141,298
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	61,661
NORTH CAROLINA . . . . .	91,996	73,657	115,219
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	273,039	237,871	247,485
TENNESSEE . . . . .	198,239	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	4,121,442	3,567,772	2,342,785
VIRGINIA . . . . .	-	-	-
OTHER STATES. . . . .	415,982	454,290	355,585
NEW ENGLAND. . . . .	189	173	228
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	10,183,824	9,142,309	7,331,922
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	84,689	<sup>r</sup> 62,261	45,531
FOREIGN COTTON, TOTAL (3). . . . .	2,645	2,674	15,001
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	(D)	(D)	3,012
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	11,989

- Represents zero.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. Equivalent gross weight bales reported on December 31, 1977 were withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

(D)Withheld to avoid disclosing figures for individual companies.

TABLE 5.--QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	DECEMBER 1977 (NOV. 27 TO DEC. 31)	NOVEMBER 1977 (OCT. 30 TO NOV. 26)	DECEMBER 1976 (NOV. 28 TO JAN. 1, 1977)
CONSUMPTION, TOTAL . . . . .	RUN,BALES	87,609	76,334	81,377
BLEACHERS:- RUNNING BALES . . . . .	DO	67,993	56,794	60,327
GROSS WEIGHT. . . . .	M. LBS.	(NA)	(NA)	38,305
OTHER CONSUMERS . . . . .	RUN,BALES	19,616	19,540	21,050
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,322	3,071	3,695
ALL OTHER STATES . . . . .	DO	16,294	16,469	17,355
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN,BALES	265,501	232,817	334,095
BLEACHERS:- RUNNING BALES . . . . .	DO	141,868	116,714	181,982
GROSS WEIGHT. . . . .	M. LBS.	(NA)	(NA)	114,731
OTHER CONSUMERS . . . . .	RUN,BALES	33,101	32,387	41,702
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,132	4,116	6,286
ALL OTHER STATES . . . . .	DO	28,969	28,271	35,416
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	8,731	<sup>r</sup> 7,807	14,245
PACIFIC AND MOUNTAIN STATES. . . . .	DO		<sup>r</sup> 7,807	14,245
ALL OTHER STATES . . . . .	DO	8,731		
OIL MILLS (1) . . . . .	DO	81,801	75,909	96,167

(NA) Not available. <sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running based on information reported in pounds.

TABLE 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
DECEMBER 1977 (NOVEMBER 27 TO DECEMBER 31)				
UNITED STATES, TOTAL . . . . .	17,576	6,699	2,343	7,412
COTTON GROWING STATES . . . . .	17,296	6,666	2,270	7,406
ALABAMA. . . . .	1,695	922	120	529
GEORGIA. . . . .	2,148	1,182	165	726
NORTH CAROLINA . . . . .	6,011	2,513	882	2,303
SOUTH CAROLINA . . . . .	6,265	1,572	977	33,352
TENNESSEE. . . . .	401	282	(D)	102
TEXAS. . . . .	162	30	39	(D)
VIRGINIA . . . . .	528	107	(D)	(D)
OTHER STATES . . . . .	86	58	-	27
NEW ENGLAND . . . . .	280	33	73	6
REST OF UNITED STATES . . . . .				
NOVEMBER 1977 (OCTOBER 30 TO NOVEMBER 26)				
UNITED STATES, TOTAL . . . . .	17,633	6,807	2,371	7,401
COTTON GROWING STATES . . . . .	17,353	6,764	2,298	77,392
ALABAMA. . . . .	1,698	915	123	527
GEORGIA. . . . .	2,148	1,183	175	720
NORTH CAROLINA . . . . .	6,069	2,561	895	2,307
SOUTH CAROLINA . . . . .	6,261	1,624	983	3,337
TENNESSEE. . . . .	401	183	(D)	102
TEXAS. . . . .	162	30	35	(D)
VIRGINIA . . . . .	528	111	(D)	(D)
OTHER STATES . . . . .	86	57	-	228
NEW ENGLAND . . . . .	280	43	73	9
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised by 5 percent or more from previously published figures.



TABLE 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
DECEMBER 1977 (NOVEMBER 27 TO DECEMBER 31)				
UNITED STATES, TOTAL . . . . .	9,041	3,743	1,264	4,034
COTTON GROWING STATES . . . . .	8,995	3,730	1,234	4,031
ALABAMA . . . . .	871	508	72	291
GEORGIA . . . . .	1,092	592	98	402
NORTH CAROLINA . . . . .	3,128	1,483	467	1,178
SOUTH CAROLINA . . . . .	3,339	907	541	1,891
TENNESSEE . . . . .	235	154	(D)	(D)
TEXAS . . . . .	59	9	(D)	(D)
VIRGINIA . . . . .	234	50	(D)	(D)
OTHER STATES . . . . .	37	27	-	10
NEW ENGLAND . . . . .	46	13	30	1
REST OF UNITED STATES . . . . .				
NOVEMBER 1977 (OCTOBER 30 TO NOVEMBER 26)				
UNITED STATES, TOTAL . . . . .	8,193	3,361	1,113	3,719
COTTON GROWING STATES . . . . .	8,157	3,353	1,088	3,716
ALABAMA . . . . .	714	424	61	229
GEORGIA . . . . .	967	534	84	349
NORTH CAROLINA . . . . .	2,941	1,360	422	1,159
SOUTH CAROLINA . . . . .	2,994	805	474	1,715
TENNESSEE . . . . .	224	144	(D)	(D)
TEXAS . . . . .	59	8	(D)	(D)
VIRGINIA . . . . .	224	54	(D)	(D)
OTHER STATES . . . . .	34	24	-	10
NEW ENGLAND . . . . .	36	8	25	3
REST OF UNITED STATES . . . . .				

- Represents zero.

†Revised by 5 percent or more from previously published figures.

(D)Withheld to avoid disclosing figures for individual companies.

TABLE 8.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters; thousand pounds for staple)

Country to which exported	Nov. 1977	Oct. 1977	Cotton season 4 months through November 1977
Cotton			
Total.....	332,569	149,101	863,402
Canada.....	18,319	19,115	67,747
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	24,287	4,534	41,130
Republic of Philippines.....	4,216	2,090	24,105
Republic of Korea.....	62,364	36,524	234,044
China-Taiwan.....	23,195	15,582	63,367
Japan.....	75,089	21,206	169,001
Other countries.....	125,099	50,050	264,008
Linters			
Total.....	11,944	10,424	49,841
Canada.....	3,298	2,733	11,698
Mexico.....	-	-	81
United Kingdom.....	167	286	565
Federal Republic of Germany.....	6,241	2,661	19,761
Japan.....	1,325	3,963	13,708
Other countries.....	913	781	4,028
Manmade fiber staple and tow			
Total.....	21,699	23,391	99,766
Canada.....	3,896	3,761	17,443
Brazil.....	190	539	1,808
United Kingdom.....	330	58	1,135
Netherlands.....	237	108	896
Belgium.....	767	918	6,493
Federal Republic of Germany.....	300	117	1,387
Switzerland.....	-	2	607
U.S.S.R.....	-	-	-
Hong Kong.....	876	1,849	3,996
Japan.....	32	54	278
Australia.....	16	201	3,230
Other countries.....	15,055	15,784	62,493

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 2663220.

- Represents zero.

TABLE 9.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	Nov. 1977	Oct. 1977	Cotton season 4 months through November 1977
Cotton			
Total.....	275	869	2,956
Mexico.....	-	-	-
Peru.....	-	-	1,437
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	151	524
Sudan.....	275	718	993
Other countries.....	-	-	2
Linters			
Total.....	2,054	4,465	11,143
Mexico.....	1,133	2,340	7,119
Brazil.....	204	-	282
Other countries.....	717	2,125	3,742
Manmade fiber staple and town			
Total.....	2,158	4,874	22,097
Canada.....	563	381	2,238
United Kingdom.....	7	400	912
France.....	429	469	2,052
Federal Republic of Germany.....	439	153	1,801
Austria.....	-	724	6,006
Switzerland.....	-	-	-
Italy.....	6	96	972
Japan.....	285	976	2,715
Other countries.....	429	1,675	5,401

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

TABLE 10.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	84.9	80.5	84.3
Stock, August 1.....	19.4	22.3	30.1
Production.....	65.5	58.2	54.2
Distribution.....	85.1	80.6	84.4
Consumption.....	61.3	61.2	62.1
Stocks, July 31.....	23.8	19.4	22.3
Difference <sup>1</sup> .....	+0.2	+0.1	+0.1

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which estimates were made, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

REPORTING CALENDAR  
1977

Month	Number of weeks in period	Period covered
January	4	January 2-January 29
February	4	January 30-February 26
March	5	February 27-April 2
April	4	April 3-April 30
May	4	May 1-May 28
June	5	May 29-July 2
July	4	July 3-July 30
August	4	July 31-August 27
September	5	August 28-October 1
October	4	October 2-October 29
November	4	October 30-November 26
December	5	November 27-December 31

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

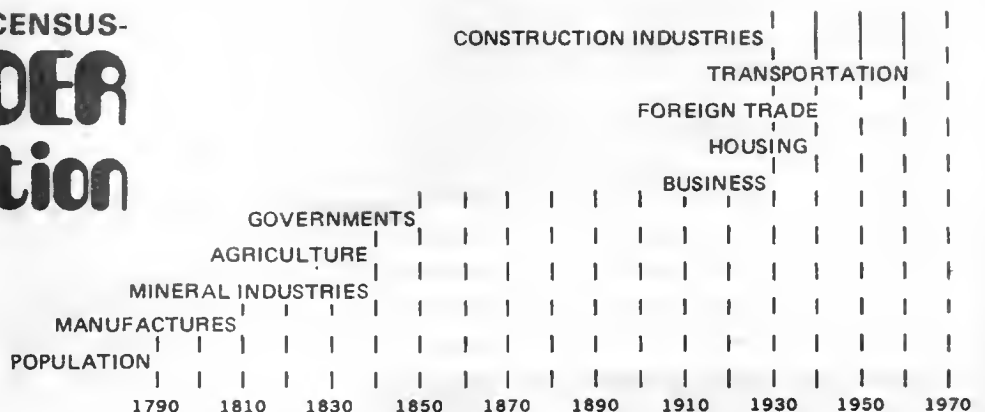
The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Daisy Williams	(301) 763-7472
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3. 158:



M 22 P(77) - 13

# Consumption on the Cotton System

Summary for Cotton Season 1976-1977

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M22P(77)  
Issued December 1977

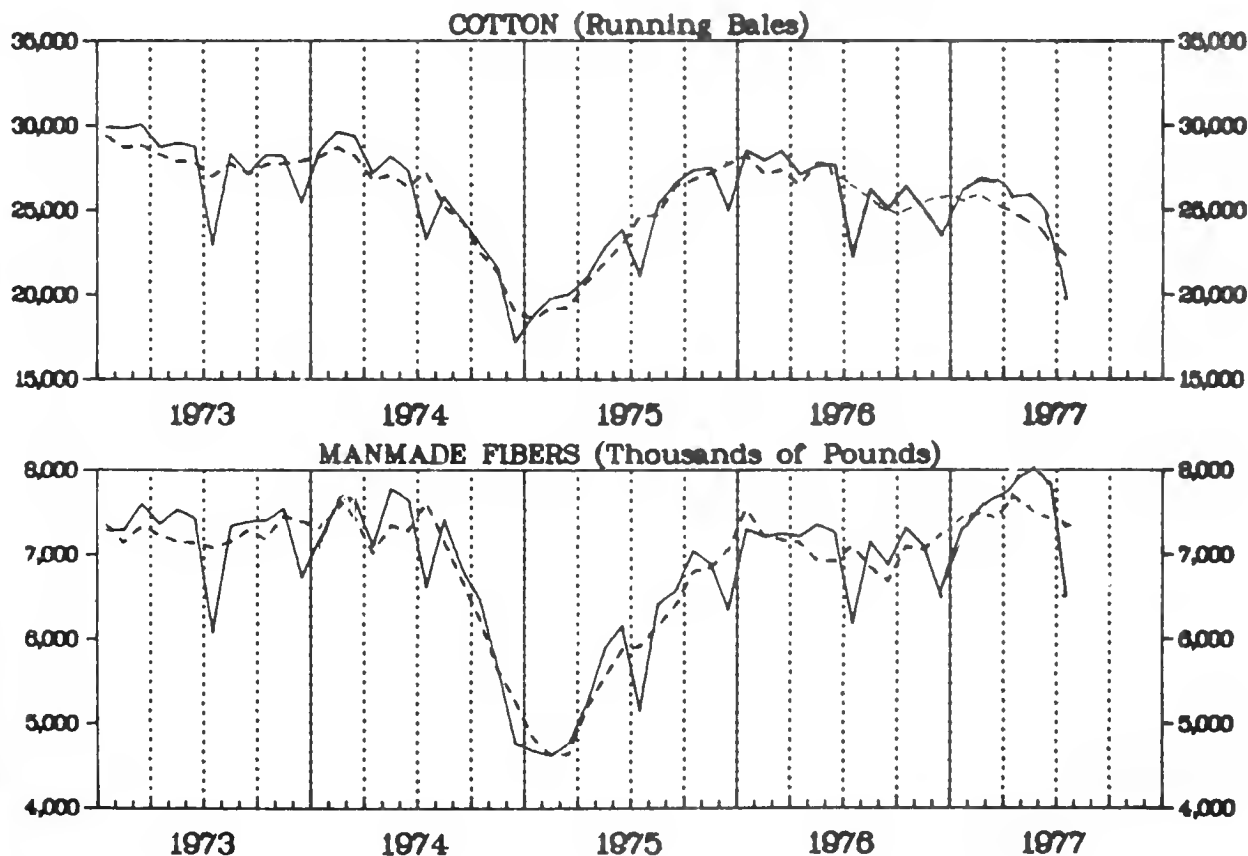
## SUMMARY OF FINDINGS

Total cotton consumption for the cotton season of 1976-1977 decreased 7 percent over the consumption of cotton for the

1975-76 cotton season and consumption of manmade fiber staple increased 6 percent over the 1975-1976 cotton season. However, at the same time stocks of cotton decreased by 18 percent.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1977

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



For press inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Virginia Gary, (301) 763-7807.

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## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters.

This report summarized the consumption and stocks data published monthly in the Current Industrial Reports Series M22P, *Cotton, Manmade Fiber Staple, and Linters—Consumption and Stocks, and Spindle Activity*. A tabulation of the annual reports submitted by respondents who are excluded from the monthly mailing panel did not show any significant differences compared to the monthly estimates. As a result, no revisions have been made to the monthly figures previously published in this series.

**Survey Error**—Figures for each month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

## REPORTING CALENDAR

1976-1977

Cotton Season

Month	Number of weeks in period	Period covered
August	4	Aug. 1, 1976-Aug. 28, 1976
September	5	Aug. 29, 1976-Oct. 2, 1976
October	4	Oct. 3, 1976-Oct. 30, 1976
November	4	Oct. 31, 1976-Nov. 27, 1976
December	5	Nov. 28, 1976-Jan. 1, 1977
January	4	Jan. 2, 1977-Jan. 29, 1977
February	4	Jan. 30, 1977-Feb. 26, 1977
March	5	Feb. 27, 1977-Apr. 2, 1977
April	4	Apr. 3, 1977-Apr. 30, 1977
May	4	May 1, 1977-May 28, 1977
June	5	May 29, 1977-July 2, 1977
July	4	July 3, 1977-July 30, 1977

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks or cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Wooler and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

## CONTACTS FOR DATA USERS

3

Subject Area	Contact	Phone Number			
			Foreign Trade publications	Paul Finn	(301) 763-5140
			To order a Census publication	Daisy Williams	(301) 763-7472
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807	To order microfilm of Census publications	Theresa Allen	(301) 763-5042

Table 1.--STOCKS OF COTTON AND CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE: 1969 TO 1977

Date	Index of cotton consumption, seasonally adjusted <sup>1</sup>	Total cotton consumption (running bales)	Average per working day (running bales)	Total cotton stocks, end of year (running bales)	Consumption of manmade fiber staple (1,000 pounds)
Year ending August 1, 1977.....	66	6,477,724	24,914	2,845,005	1,913,183
Year ending August 1, 1976.....	73	6,964,529	26,787	3,444,008	1,800,876
Year ending August 1, 1975.....	72	5,603,789	21,602	5,205,714	1,462,602
Year ending August 1, 1974.....	79	7,149,887	27,559	3,543,143	1,902,060
Year ending August 1, 1973.....	81	7,568,235	28,749	3,578,985	1,853,040
Year ending August 1, 1972.....	88	8,009,715	30,807	3,154,033	1,588,163
Year ending August 1, 1971.....	82	8,067,768	31,037	3,851,900	1,397,736
Year ending August 1, 1970.....	94	7,964,642	30,633	5,400,461	1,453,620
Year ending August 1, 1969.....	99	8,214,607	31,595	6,120,766	1,514,601

Note: Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales.

<sup>1</sup>Index of cotton consumption adjusted for seasonal variation (1969 through 1974-base, 1967=100; 1967 and 1968-base, 1957-59=100).

Table 2.--SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1976-1977

(Running bales, except that imported cotton is in equivalent 500-pound gross weight bales)

Supply and distribution	Number of bales	Supply and distribution	Number of bales
SUPPLY		SUPPLY--Continued	
Stocks, July 31, 1976, total <sup>1</sup> .....	3,594,008	City crop (estimated) <sup>3</sup> .....	10,000
In consuming establishments.....	1,210,463	Aggregate supply.....	14,027,323
In public storage and at compresses.....	2,233,545	DISTRIBUTION	
Elsewhere (partially estimated) <sup>2</sup> .....	150,000		
Net imports of foreign cotton.....	37,940	Total exports.....	4,564,624
Total imports for consumption.....	37,940	Consumption, adjusted to calendar year.....	6,477,724
Less: Re-exports (other than withdrawals from bond for export).....	-	Stocks, July 30, 1977, total <sup>1</sup> .....	2,920,005
Ginnings, crop of 1976 during crop year 1976-1977.....	10,299,909	In consuming establishments.....	1,054,253
Total ginnings, crop of 1976.....	10,347,103	In public storage and at compresses.....	1,790,752
Less: Ginnings prior to August 1, 1976.....	47,194	Elsewhere (partially estimated) <sup>2</sup> .....	75,000
Ginnings, prior to August 1, 1977, crop of 1977.....	85,466	Aggregate distribution.....	13,962,353
		Excess of reported supply over distribution.....	64,970

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

<sup>3</sup>Rebaled samples and pickings from cotton damaged by fire and weather. Census estimate based on reports from larger pickeries.

Table 3.--SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1976-1977

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>	Supply and distribution	Number of bales <sup>1</sup>
SUPPLY		DISTRIBUTION	
Stocks, July 31, 1976.....	444,632	Exports.....	210,105
In consuming establishments.....	297,492	Consumption.....	998,561
In public storage.....	38,721		
In oil mills.....	107,419	Stocks, July 30, 1977, total.....	278,951
Elsewhere (partially estimated).....	1,000	In consuming establishments.....	201,840
Imports.....	70,453	In public storage.....	17,301
Total imports for consumption.....	70,453	In oil mills.....	58,810
Less: Re-exports.....	-	Elsewhere (partially estimated).....	1,000
Production.....	982,851	Aggregate distribution.....	1,487,617
Aggregate supply.....	1,497,936	Excess of reported distribution over supply.....	10,319

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600-pound gross weight bales; other imports in 500-pound gross weight bales; other figures in running bales.

Table 4A.--CONSUMPTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES, BY MONTHS: SEASON OF 1976-1977

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Reporting period (month)	Index of cotton consumption, seasonally adjusted <sup>1</sup>	Average per working day <sup>2</sup>	Cotton		
			Total	Domestic	Foreign
Total, year ending July 30, 1977...	(X)	24,914	6,477,724	6,442,836	34,888
August (4 weeks) 1976.....	72	26,203	524,063	520,910	3,153
September (5 weeks).....	70	25,052	626,304	622,499	3,805
October (4 weeks).....	73	26,392	527,839	523,951	3,888
November (4 weeks).....	70	25,072	501,438	498,280	3,158
December (5 weeks).....	73	23,298	582,441	578,520	3,921
January (4 weeks) 1977.....	71	25,475	509,502	506,320	3,182
February (4 weeks).....	72	26,392	527,836	525,057	2,779
March (5 weeks).....	71	26,131	653,282	650,018	3,264
April (4 weeks).....	70	25,359	507,170	504,997	2,173
May (4 weeks).....	69	25,369	507,381	505,180	2,201
June (5 weeks).....	67	24,635	615,874	613,725	2,149
July (4 weeks).....	66	19,730	394,594	393,379	1,215

(X) Not applicable.

<sup>1</sup>Index of cotton consumption adjusted for seasonal variations (1967=100).<sup>2</sup>Based on 20 workdays in 4-week periods and 25 workdays in 5-week periods.

Table 4B.--CONSUMPTION OF AMERICAN UPLAND COTTON, BY STAPLE LENGTH, BY MONTHS: SEASON OF 1976-1977

(Running bales)

Reporting period (month)	Total	Staples less than 1" in length	1" and 1-1 3/2" staples	1-1/16" and 1-1/32" staples	Staples larger than 1-3/32"	Staples not specified by kind
Total, year ending July 30, 1977.....	6,394,440	514,336	1,672,258	3,665,014	373,384	169,448
August (4 weeks) 1976.....	516,938	45,955	124,568	297,559	34,523	14,333
September (5 weeks).....	617,832	50,344	158,081	355,138	37,573	16,696
October (4 weeks).....	520,039	44,122	134,236	299,301	28,927	13,453
November (4 weeks).....	494,800	41,960	131,116	279,664	29,061	12,999
December (5 weeks).....	574,041	46,645	156,469	325,364	30,297	15,266
January (4 weeks) 1977.....	503,107	40,413	132,203	289,679	25,758	15,054
February (4 weeks).....	521,351	41,828	143,806	292,251	29,421	14,045
March (5 weeks).....	644,670	46,678	172,159	369,510	40,052	16,271
April (4 weeks).....	500,847	38,493	128,593	288,830	30,763	14,168
May (4 weeks).....	501,452	40,397	128,008	289,893	29,716	13,438
June (5 weeks).....	609,209	47,358	162,530	347,387	35,838	16,096
July (4 weeks).....	390,154	30,143	100,489	230,438	21,455	7,629

Table 5.--STOCKS OF COTTON IN CONSUMING ESTABLISHMENTS AND IN PUBLIC WAREHOUSES AND COMPRESSES  
IN THE UNITED STATES: SEASON OF 1976-1977

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Date	Total <sup>1</sup>	In consuming establishments			In warehouses and compresses		
		Total	Domestic cotton	Foreign cotton	Total	Domestic cotton	Foreign cotton
August 28, 1976.....	2,963,318	1,103,864	1,077,853	26,011	1,859,454	1,841,934	17,520
October 2, 1976.....	2,366,458	943,721	923,779	19,942	1,422,737	1,406,130	16,607
October 30, 1976.....	3,854,108	857,853	841,334	16,519	2,996,255	2,979,699	16,556
November 27, 1976.....	6,799,186	871,955	855,757	16,198	5,927,231	5,912,246	14,985
January 1, 1977.....	8,362,942	970,488	956,780	13,708	7,392,454	7,377,453	15,001
January 29, 1977.....	7,707,100	982,604	970,535	12,069	6,724,496	6,709,362	15,134
February 26, 1977.....	6,875,325	1,083,080	1,071,859	11,221	5,792,245	5,777,478	14,767
April 2, 1977.....	5,854,524	1,133,737	1,124,245	9,492	4,720,787	4,706,697	14,090
April 30, 1977.....	5,007,374	1,182,045	1,172,455	9,590	3,825,329	3,814,699	10,630
May 28, 1977.....	4,196,493	1,182,929	1,173,768	9,161	3,013,564	3,005,290	8,274
July 2, 1977.....	3,370,195	1,101,430	1,093,247	8,183	2,268,765	2,263,721	5,044
July 30, 1977.....	2,845,005	1,054,253	1,047,040	7,213	1,790,752	1,786,534	4,218

<sup>1</sup>Excludes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

Table 6.--CONSUMPTION AND STOCKS OF AMERICAN-PIMA AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1976-1977

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Type of cotton	Consumption		Stocks held in--			
	Jan. 30, 1977 to July 30, 1977	Aug. 1, 1976 to Jan. 29, 1977	Consuming establishments		Public warehouses and compresses	
			July 30, 1977	Jan. 29, 1977	July 30, 1977	Jan. 29, 1977
American-Pima cotton <sup>1</sup> .....	24,684	23,723	6,565	13,992	25,749	42,57
Foreign cotton, total.....	13,763	21,107	3,462	12,069	4,218	15.13
Staple length 1-1/8" or more.....	13,763	16,782	3,462	10,393	4,218	2.53
Staple length under 1-1/8".....		4,325		1,676		12.59

<sup>1</sup>Includes Sea Island and other domestic cotton which accounted for less than 1 percent of the total.

<sup>2</sup>The data for January 31, 1977 includes no bales of American-Pima released by GSA from the cotton stockpile. For August 2, 1975 the figures included no bales of American-Pima released by GSA. In-bond cotton is not included.

<sup>3</sup>Other long staple cotton combined with Egyptian.

Table 7.--CONSUMPTION OF MANMADE FIBER STAPLE, BY MONTH, AUGUST 1976-JULY 1977

(Thousands of pounds)

Reporting period (month)	Index of manmade fiber staple consumption, seasonally adjusted <sup>1</sup>		Total <sup>2</sup>	Rayon and/or acetate	Nylon	Acrylic	Polyester	Other man- made fiber staple
	Cellulosic	Non- cellulosic						
Total, year ending July 30, 1977.....	(X)	(X)	1,913,183	386,467	96,439	172,869	1,248,551	8,857
August 1976 4 weeks.....	69	255	143,189	30,059	7,542	12,743	92,247	598
September 1976 5 weeks...	66	250	171,916	36,044	8,972	14,841	111,084	975
October 1976 4 weeks ....	68	266	146,318	30,691	7,406	12,401	94,992	826
November 1976 4 weeks....	71	264	141,983	29,906	7,365	11,792	92,317	603
December 1976 5 weeks....	72	279	166,532	34,017	8,240	13,449	110,193	633
January 1977 4 weeks.....	73	290	148,036	30,163	7,610	13,212	96,376	675
February 1977 4 weeks....	72	291	153,199	30,350	7,554	13,652	100,938	705
March 1977 5 weeks.....	68	301	193,622	36,820	9,724	17,612	128,702	764
April 1977 4 weeks.....	71	290	158,964	30,300	7,730	15,078	105,132	724
May 1977 4 weeks.....	73	288	162,431	33,428	7,887	15,973	104,401	742
June 1977 5 weeks.....	68	282	197,457	39,582	9,066	19,527	128,290	992
July 1977 4 weeks.....	70	291	129,536	25,107	7,341	12,589	83,879	620

(X) Not applicable.

<sup>1</sup>Index of manmade fiber staple consumption adjusted for seasonal variation (1967-100).<sup>2</sup>Consumption of manmade fiber staple is only for those mills with cotton system spindles. Consumption in woolen and worsted mills is published in monthly Current Industrial Reports Series M22D, "Consumption on the Woolen and Worsted Systems."

Table 8.--STOCKS OF MANMADE FIBER STAPLE, BY MONTH, AUGUST 1976-JULY 1977

(Thousands of pounds)

Inventory date	Total <sup>1</sup>	Rayon and or acetate	Nylon	Acrylic	Polyester	Other manmade fiber staple
August 28, 1976.....	141,708	30,113	9,594	12,307	88,854	840
October 2, 1976.....	149,125	31,769	8,856	11,344	95,986	1,170
October 30, 1976.....	143,552	30,249	8,709	9,797	93,588	1,209
November 27, 1976.....	141,228	30,586	7,276	9,763	92,669	934
January 1, 1977.....	148,492	31,564	6,342	11,713	98,104	769
January 29, 1977.....	151,612	30,136	6,475	11,520	102,807	674
February 26, 1977.....	156,531	32,492	6,483	11,731	105,092	733
April 2, 1977.....	155,919	33,329	6,238	12,374	103,299	679
April 30, 1977.....	156,552	31,391	7,180	13,580	103,748	653
May 28, 1977.....	146,811	29,753	7,368	14,219	94,907	564
July 2, 1977.....	144,997	30,141	6,809	12,352	94,996	699
July 30, 1977.....	144,069	31,139	6,813	12,596	93,031	490

<sup>1</sup>Stocks are only for mills with cotton system spindles.



Table 9.--CONSUMPTION OF LINTERS, BY TYPE OF CONSUMER, IN THE UNITED STATES: SEASON OF 1976-1977

(Running bales)

Reporting period (month)	Total	Bleachers	Other consumers		
			Total	Pacific and Mountain States	All other States
Total, year ending July 30, 1977...	996,561	737,259	261,302	43,751	217,551
August '76 (4 weeks) 1976.....	70,837	49,619	21,188	3,110	18,078
September '76 (5 weeks).....	100,831	72,656	28,175	4,449	23,726
October '76 (4 weeks).....	81,836	61,158	20,728	3,832	16,896
November '76 (4 weeks).....	72,141	53,475	18,666	3,177	15,489
December '76 (5 weeks).....	81,377	60,327	21,050	3,695	17,355
January '77 (4 weeks) 1977.....	73,146	54,413	18,733	3,456	15,277
February '77 (4 weeks).....	77,152	56,196	20,956	3,617	17,339
March '77 (5 weeks).....	104,372	77,384	26,988	4,400	22,588
April '77 (4 weeks).....	83,010	61,921	21,089	3,366	17,723
May '77 (4 weeks).....	83,743	62,364	21,379	3,297	18,082
June '77 (5 weeks).....	96,457	72,677	23,780	4,255	21,525
July '77 (4 weeks).....	71,669	55,119	16,570	3,097	13,473

Table 10.--STOCKS OF LINTERS BY TYPE OF ESTABLISHMENTS IN THE UNITED STATES: SEASON OF 1976-1977

(Number of running bales)

Period	All establi- shments total	Consuming establishments					Public storage and compresses		Oil mills <sup>2</sup>
		Total	Bleachers	Other consumers			Total	Pacific and Mountain <sup>1</sup>	
				Total	Pacific and Mountain States	All other States			
August 28, 1976.....	386,202	262,566	242,907	39,659	5,413	34,246	30,792	30,792	74,844
October 2, 1976.....	323,500	252,894	217,443	35,451	5,278	30,173	14,551	14,551	56,055
October 31, 1976.....	300,940	219,410	186,981	32,429	5,001	27,428	12,179	12,179	69,351
November 27, 1976.....	313,179	217,436	185,606	31,830	6,061	25,771	11,529	11,529	84,212
January 1, 1977.....	334,096	223,684	181,982	41,702	6,266	35,436	14,245	14,245	96,167
January 29, 1977.....	357,793	230,959	187,680	43,279	6,614	36,663	19,483	19,483	107,349
February 26, 1977.....	386,007	249,791	205,362	44,429	5,790	38,639	21,706	21,706	114,508
April 2, 1977.....	388,210	264,512	217,063	47,449	5,762	41,687	19,661	19,661	103,837
April 30, 1977.....	376,396	255,579	208,366	47,213	5,714	41,479	20,038	20,038	100,779
May 28, 1977.....	351,667	245,745	199,127	46,618	5,433	41,185	20,134	20,134	85,788
July 2, 1977.....	305,010	223,342	179,128	44,214	5,235	38,979	17,069	17,069	63,999
July 30, 1977.....	277,951	201,840	159,751	42,089	5,166	36,923	17,301	17,301	58,610

<sup>1</sup>Includes all other States.

<sup>2</sup>Oil mill stocks in estimated running bales based on information reported in pounds.





3. 158:

# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

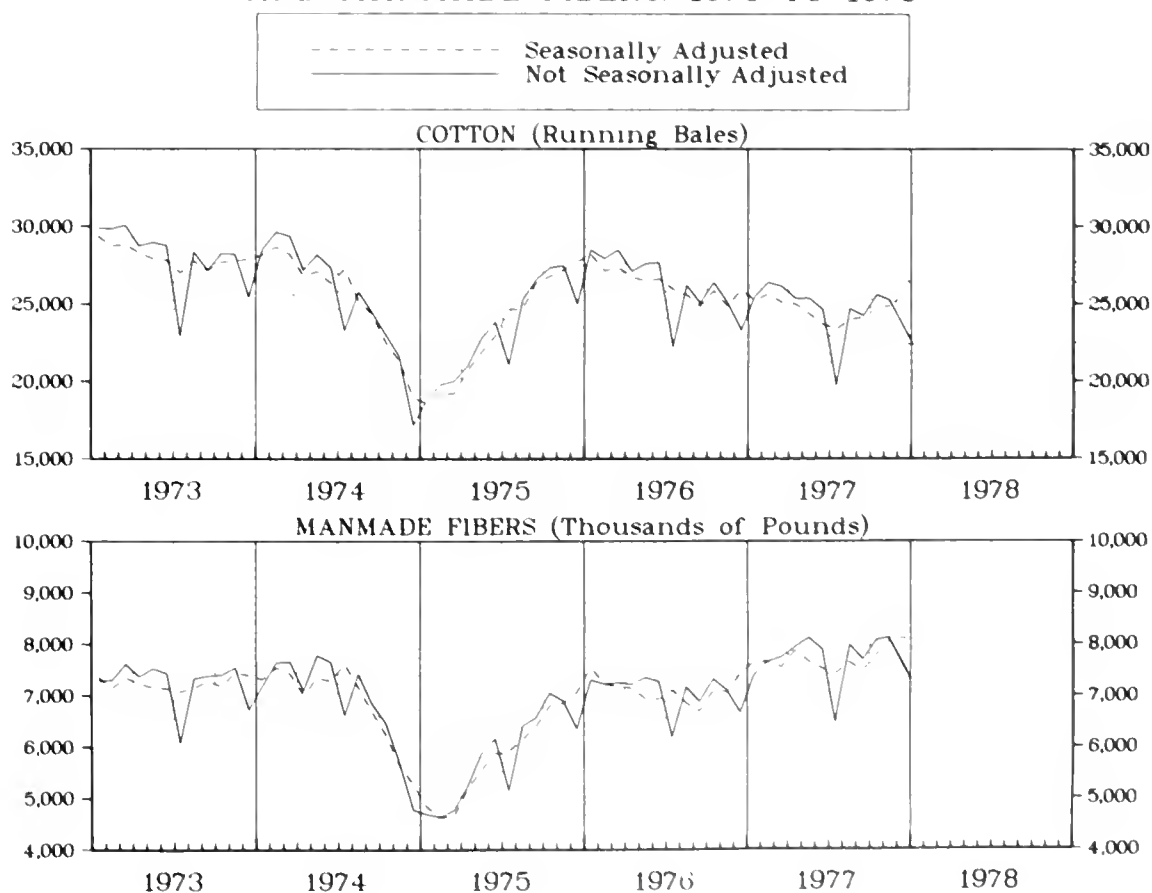
JANUARY 1978

M22P(78)-6  
Issued March 1978

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 11. An annual current industrial report is published in this series. The annual report includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.  
For sale by the Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price 30 cents per copy, \$3.90 per year.

INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

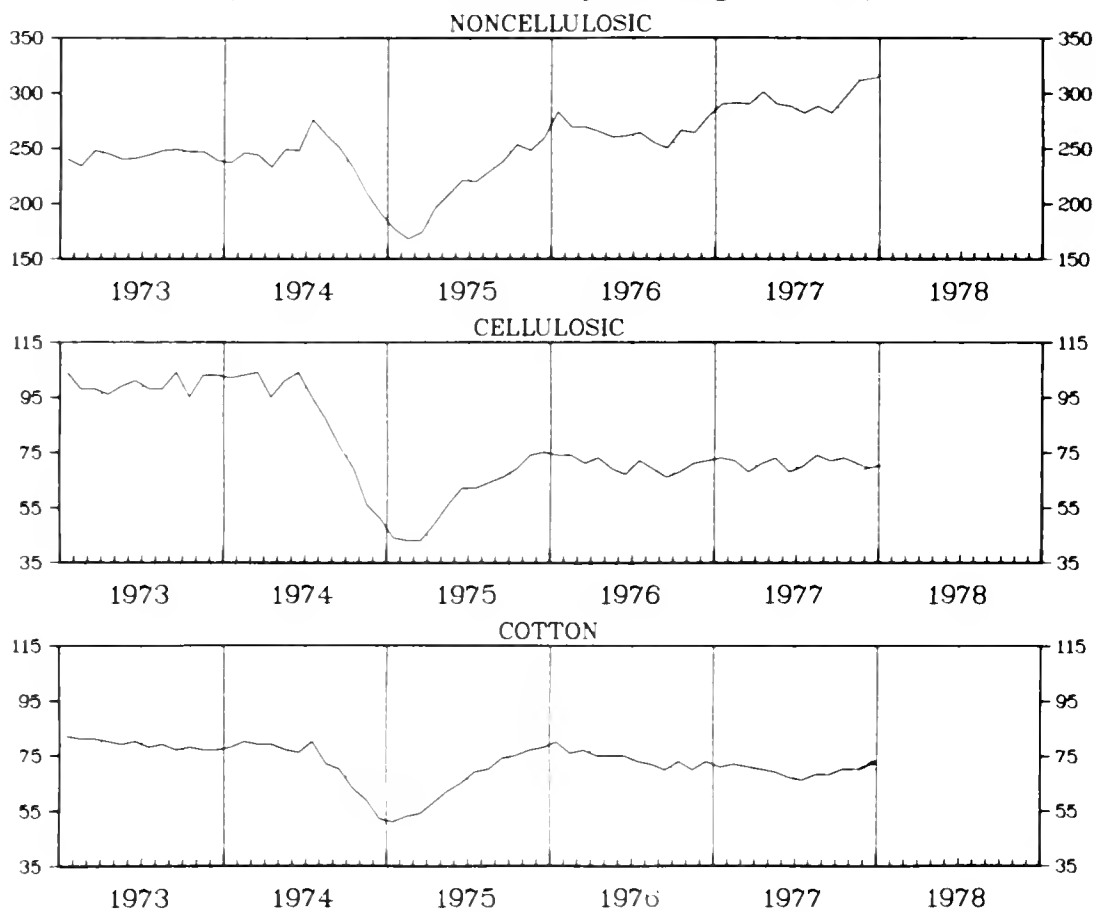


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average spindle hours operated, total <sup>1</sup> (millions)
	Cotton, total  (1,000 running bales)	Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
		Total  (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978							
January (4 weeks).....	23,740	8,037	1,727	6,310	7,169	119,164	415
1977							
December (5 weeks).....	26,044	8,046	1,534	6,512	7,251	115,709	415
November (4 weeks).....	24,887	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	24,701	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	7,654	1,540	6,114	5,257	157,274	404
1976							
December (5 weeks).....	25,917	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	7,230	1,570	5,660	5,517	160,969	424
January (4 weeks).....	28,210	7,546	1,571	5,975	5,462	162,995	437

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Feb. 28, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>				Stocks		Daily average spindle hours operated, total <sup>1</sup> (millions)
	Cotton total  (1,000 running bales)	Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
		Total  (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978							
January (4 weeks).....	24,476	7,774	1,691	6,083	10,510	114,874	413
1977							
December (5 weeks).....	22,476	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	7,402	1,508	5,894	7,707	151,612	402
1976							
December (5 weeks).....	23,298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	7,224	1,564	5,660	7,348	152,116	428
January (4 weeks).....	28,478	7,298	1,538	5,760	8,008	157,127	435

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holiday. Beginning in August 1977, cotton data are reported in thousand pounds and converted to running bales based on 24 month average weight footage of 496 lbs. for domestic and 480 lbs. for foreign cotton.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
January (4 weeks).....	67	81	299
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291
January (4 weeks).....	71	73	290

Table 2.--TOTAL CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, state, and type of material	January 1978 (Jan. 1 to Jan. 28)		December 1977 (Nov. 27 to Dec. 31)		January 1977 (Jan. 2 to Jan. 29)	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total <sup>1</sup> .....	489,516	243,059	561,890	281,129	509,502	251,520
By area and state:						
Cotton growing states.....	487,217	241,903	559,215	279,776	506,414	249,979
Alabama.....	61,087	31,452	80,931	40,388	65,147	32,306
Georgia.....	89,933	43,891	100,429	50,215	89,682	44,463
North Carolina.....	174,236	86,185	192,051	96,170	178,060	87,404
South Carolina.....	125,358	62,962	148,448	74,322	133,137	65,841
Tennessee.....	8,751	4,389	9,944	4,970	9,196	4,394
Texas.....	3,854	1,987	4,960	2,480	5,091	2,585
Virginia.....	13,789	6,891	13,962	6,981	18,742	9,293
Other states.....	8,209	4,146	8,490	4,250	7,359	3,693
New England.....	1,927	969	2,427	1,224	2,841	1,434
Rest of United States.....	372	187	248	129	247	107
By type of cotton:						
American upland, total.....	484,269	240,377	557,182	278,678	503,107	248,375
Staple less than 1 inch in length.....	35,037	17,574	42,747	21,392	40,413	20,085
1 inch and 1-1/32 inch staples.....	120,464	60,584	145,578	73,750	132,203	64,921
1-1/16 inch and 1-3/32 inch staples.....	285,178	143,934	321,782	161,020	289,679	143,386
Staples longer than 1-3/32 inch.....	26,593	13,333	30,993	15,548	25,758	12,697
Staples not specified by kind.....	16,997	4,952	16,082	6,968	15,054	7,286
American-Pima, Sea Island, and other domestic cotton.....	4,140	2,102	3,817	1,971	3,213	1,605
Foreign cotton, total.....	1,107	580	891	480	3,182	1,540
Staple length 1-1/8 inch or more.....	1,095	574	861	461	1,462	706
Staple length under 1-1/8 inch.....	12	6	30	19	1,106	530
Manmade fiber staple <sup>1 2</sup> .....	(X)	155,467	(X)	180,488	(X)	148,036
Rayon and acetate.....	(X)	33,817	(X)	33,965	(X)	30,163
Nylon.....	(X)	6,701	(X)	7,823	(X)	7,610
Acrylic and modacrylic.....	(X)	13,212	(X)	16,567	(X)	13,212
Polyester.....	(X)	100,715	(X)	120,992	(X)	96,376
Other manmade fiber.....	(X)	1,022	(X)	1,141	(X)	675

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures.

(X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for January 1978; 25 for December 1977; and 20 for January 1977.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing. In woolen and worsted mills as follows: January 1978, not available; December 1977, 31,568; and January 1977, 29,181.

Table 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

Area, state, and type of material	January 28, 1978		December 31, 1977		January 29, 1977	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total.....	930,002	464,625	953,666	475,409	982,604	490,332
By area and state:						
Cotton growing states.....	924,550	461,872	947,548	472,430	972,421	485,192
Alabama.....	138,248	68,656	143,355	70,999	134,337	67,275
California.....	145,231	72,652	147,122	73,541	144,633	72,493
Georgia.....	265,268	132,633	259,788	129,399	267,072	133,537
North Carolina.....	287,048	143,518	303,808	151,901	334,847	166,819
South Carolina.....	50,220	25,048	54,246	26,985	57,323	27,948
Tennessee.....	10,031	5,094	9,824	4,906	12,205	6,137
Texas.....	21,450	10,745	21,545	10,770	13,259	6,581
Virginia.....	7,054	3,526	7,860	3,929	8,745	4,402
Other states.....						
New England.....	4,912	2,506	5,524	2,757	9,600	4,817
Rest of United States.....	540	247	594	222	583	323
By type of cotton:						
American upland.....	916,256	457,638	938,015	467,471	956,543	477,548
American-Pima, Sea Island, and other domestic cotton.....	10,576	5,325	11,774	5,899	13,992	6,943
Foreign cotton, total.....	3,170	1,662	3,877	2,039	12,069	5,841
Staple length 1-1/8 inch or more.....	3,151	1,645	3,842	2,013	7,289	3,531
Staple length under 1-1/8 inch.....	19	17	35	26	3,104	1,505
Manmade fiber staple <sup>1</sup> .....	(X)	114,874	(X)	115,940	(X)	151,612
Rayon and acetate.....	(X)	24,058	(X)	26,253	(X)	30,136
Nylon.....	(X)	4,590	(X)	4,318	(X)	6,475
Acrylic and modacrylic.....	(X)	10,511	(X)	9,436	(X)	11,520
Polyester.....	(X)	75,231	(X)	75,481	(X)	102,807
Other manmade fiber.....	(X)	484	(X)	452	(X)	674

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton: Running bales, except that imports are in 500 lbs. equivalent gross bales)

Area, state, and type of material	Jan. 28, 1978	Dec. 31, 1977	Jan. 29, 1977
Domestic and foreign cotton, total.....	9,579,703	10,270,933	6,724,496
By area and state:			
Cotton-growing states.....	9,579,523	10,270,744	6,724,282
Alabama.....	249,709	256,659	286,758
Arizona.....	620,205	622,050	551,341
Arkansas.....	522,550	601,782	337,254
California.....	1,601,367	1,717,230	1,376,756
Georgia.....	190,260	191,279	204,076
Louisiana.....	496,085	557,919	347,976
Mississippi.....	910,964	1,026,227	530,228
Missouri.....	154,751	179,882	124,006
New Mexico.....	133,930	( <sup>1</sup> )	56,002
North Carolina.....	105,748	91,993	114,885
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....	286,918	272,148	279,049
Tennessee.....	( <sup>1</sup> )	198,239	( <sup>1</sup> )
Texas.....	3,869,780	4,138,931	2,227,336
Virginia.....	-	-	-
Other states.....	437,256	416,405	288,615
New England.....	180	189	214
Rest of United States.....			
By type of cotton:			
American upland.....	9,492,068	10,183,620	6,666,786
American-Pima, Sea Island and other domestic cotton....	85,011	84,668	42,579
Foreign cotton, total ( <sup>2</sup> ).....	2,624	2,645	15,134
Staple length 1-1/8 inch or more.....	(D)	(D)	2,536
Staple length under 1-1/8 inch.....	(D)	(D)	12,598

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in "other states".<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on January 28, 1978 were withheld to avoid disclosing figures for individual companies.

Table 5.--LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	January 1978 (Jan. 1 to Jan. 28)	December 1977 (Nov. 27 to Dec. 31)	January 1977 (Jan. 2 to Jan. 29)
Consumption, total.....	Run. bales.....	71,170	95,442	73,146
Bleachers: Running bales.....	..do.....	53,981	75,009	54,413
Gross weight.....	M. lbs.....	33,381	46,673	34,582
Other consumers.....	Run. bales.....	17,189	20,433	18,733
Pacific and mountain states.....	..do.....	3,075	3,585	3,456
All other states.....	..do.....	14,114	16,848	15,277
Stocks, total (end of period).....	Run. bales.....	280,603	269,489	357,793
Bleachers: Running bales.....	..do.....	136,012	141,868	187,880
Gross weight.....	M. lbs.....	85,435	88,067	118,302
Other consumers.....	Run. bales.....	32,403	33,080	43,079
Pacific and mountain states.....	..do.....	4,039	4,130	6,616
All other states.....	..do.....	28,364	28,950	36,463
Public storage and compresses.....	..do.....	8,115	7,860	19,485
Pacific and mountain states.....	..do.....	8,115	7,860	19,485
All other states.....	..do.....			
Oil mills ( <sup>1</sup> ).....	..do.....	104,073	86,681	107,349

<sup>1</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and state	Spindles in place	100 percent cotton	100 percent manmade fibers	Other fibers and blends
JANUARY 1978 (January 1 to January 28)				
United States, total.....	17,616	6,741	2,387	7,512
Cotton growing states.....	17,336	6,699	2,314	7,503
Alabama.....	1,690	896	120	539
Georgia.....	2,145	1,257	229	742
North Carolina.....	6,044	2,512	893	2,306
South Carolina.....	6,279	1,570	940	3,414
Tennessee.....	402	266	(D)	103
Texas.....	163	30	34	(D)
Virginia.....	527	111	(D)	(D)
Other states.....	86	57	(D)	27
New England.....	280	42	73	9
Rest of United States.....				
DECEMBER 1977 (November 27 to December 31)				
United States, total.....	17,668	6,790	2,392	7,467
Cotton growing states.....	17,388	6,757	2,319	7,461
Alabama.....	1,688	907	118	533
Georgia.....	2,148	1,219	r221	739
North Carolina.....	6,053	2,541	908	2,290
South Carolina.....	6,322	1,612	959	3,395
Tennessee.....	401	284	(D)	100
Texas.....	163	31	32	(D)
Virginia.....	527	107	(D)	(D)
Other states.....	86	56	-	29
New England.....	280	33	73	6
Rest of United States.....				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>r</sup> Revised by 5 percent or more from previously published figures.

Table 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and state	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
JANUARY 1978 (January 1 to January 28)				
United States, total.....	8,265	3,347	1,113	3,805
Cotton growing states.....	8,221	3,335	1,083	3,803
Alabama.....	723	425	58	240
Georgia.....	971	526	74	371
North Carolina.....	2,949	1,368	436	1,145
South Carolina.....	3,064	812	459	1,793
Tennessee.....	200	120	(D)	(D)
Texas.....	62	8	(D)	(D)
Virginia.....	212	47	(D)	(D)
Other states.....	40	29	(D)	(D)
New England.....	44	12	30	2
Rest of United States.....				
DECEMBER 1977 (November 27 to December 31)				
United States, total.....	9,263	3,776	1,250	4,237
Cotton growing states.....	9,214	3,763	1,217	4,234
Alabama.....	856	498	73	285
Georgia.....	1,113	603	91	419
North Carolina.....	3,178	1,480	482	1,216
South Carolina.....	3,493	1,400	520	2,033
Tennessee.....	236	155	(D)	(D)
Texas.....	63	9	(D)	(D)
Virginia.....	33	50	(D)	(D)
Other states.....	42	28	-	14
New England.....	49	13	33	3
Rest of United States.....				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

Table 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

Item	Unit of measure	All industries, total	Weaving mills (SIC 221, 222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
JANUARY 1978 (January 1 to January 28)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	M. lbs.....	489,516	(NA)	(NA)	(NA)
Stocks <sup>2</sup> .....	M. lbs.....	930,002	(NA)	(NA)	(NA)
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	155,467	101,524	30,056	23,887
Stocks.....	M. lbs.....	114,874	74,158	22,601	18,115
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	33,817	20,019	8,182	5,616
Stocks.....	M. lbs.....	24,058	13,455	6,683	3,920
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	121,650	81,505	21,874	18,271
Stocks.....	M. lbs.....	90,816	60,703	15,918	14,195
Spindle activity:					
Spindles in place.....	Thousands...	17,616	12,632	3,692	1,292
Hours operated.....	Millions....	8,265	5,760	1,863	642
DECEMBER 1977 (November 27 to December 31)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	M. lbs.....	561,890	(NA)	(NA)	(NA)
Stocks <sup>2</sup> .....	M. lbs.....	953,666	(NA)	(NA)	(NA)
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	180,488	119,310	33,701	27,477
Stocks.....	M. lbs.....	115,940	73,159	24,729	18,052
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	33,965	20,782	7,658	5,525
Stocks.....	M. lbs.....	26,253	14,469	7,722	4,062
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	146,523	98,528	26,043	21,952
Stocks.....	M. lbs.....	89,687	58,690	17,007	13,990
Spindle activity:					
Spindles in place.....	Thousands...	17,668	12,678	3,703	1,287
Hours operated.....	Millions....	9,263	6,483	2,096	684

Note: SIC is the abbreviation for Standard Industrial Classification.

(NA) Not available.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays.

For this report, the number of work days used are 20 for January 1978; and 25 for December 1977.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.



Table 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters; thousand pounds for staple)

Country to which exported	December 1977	November 1977	Cotton season 5 months through December 1977
<b>COTTON</b>			
Total.....	495,546	332,569	1,358,948
Canada.....	19,132	18,319	86,879
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	21,173	24,287	62,303
Republic of Philippines.....	5,444	4,216	29,549
Republic of Korea.....	98,077	62,364	332,121
China-Taiwan.....	30,938	23,195	94,305
Japan.....	128,194	75,089	297,195
Other countries.....	192,588	125,099	456,596
<b>LINTERS</b>			
Total.....	13,918	11,944	63,759
Canada.....	2,282	3,298	13,980
Mexico.....	-	-	81
United Kingdom.....	55	167	620
Federal Republic of Germany.....	6,011	6,241	25,772
Japan.....	4,707	1,325	18,415
Other countries.....	863	913	4,891
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	19,927	21,699	119,693
Canada.....	3,120	3,896	20,563
Brazil.....	325	190	2,133
United Kingdom.....	857	330	1,992
Netherlands.....	175	237	1,071
Belgium.....	558	767	7,051
Federal Republic of Germany.....	226	300	1,613
Switzerland.....	18	-	625
U.S.S.R.....	-	-	-
Hong Kong.....	1,773	876	5,769
Japan.....	60	32	338
Australia.....	361	16	3,591
Other countries.....	12,454	15,055	74,947

Note: Includes Schedule B numbers as follows: Cotton, numbers 2631011, 2631021, 2631031, and 2631041; linters, numbers 2632011 and 2632021; and manmade fiber staple numbers 2662110, 2662120, 2662130, 2662140, 2662210, 2662220, 2662230, 2662240, 2663110, 2663120, and 2663220.

- Represents zero.

Table 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	December 1977	November 1977	Cotton season 5 months through December 1977
<b>COTTON <sup>1</sup></b>			
Total.....	-	275	2,956
Mexico.....	-	-	-
Peru.....	-	-	1,437
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	524
Sudan.....	-	275	993
Other countries.....	-	-	2
<b>LINTERS <sup>1</sup></b>			
Total.....	3,696	2,054	14,839
Mexico.....	1,870	1,133	8,989
Brazil.....	78	204	360
Other countries.....	1,748	717	5,490
<b>MANMADE FIBER STAPLE AND TOW <sup>1</sup></b>			
Total.....	2,820	2,158	24,917
Canada.....	375	563	2,613
United Kingdom.....	6	7	918
France.....	43	429	2,095
Federal Republic of Germany.....	28	439	1,829
Austria.....	368	-	6,374
Switzerland.....	-	-	-
Italy.....	402	6	1,374
Japan.....	661	285	3,376
Other countries.....	937	429	6,338

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

Table 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	84.9	80.5	84.3
Stock, August 1.....	19.4	22.3	30.1
Production.....	65.5	58.2	54.2
Distribution.....	85.1	80.6	84.4
Consumption.....	61.3	61.2	62.1
Stocks, July 31.....	23.8	19.4	22.3
Difference <sup>1</sup> .....	+0.2	+0.1	+0.1

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10-percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

REPORTING CALENDAR  
1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

#### CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Juanita Noone	(301) 763-5140
To order a Census publication	Daisy Williams	(301) 763-7472
To order micro-film of Census publications	Theresa Allen	(301) 763-5042



Consumption on the  
Cotton SystemU.S. Department of Commerce  
BUREAU OF THE CENSUS

FEBRUARY 1978

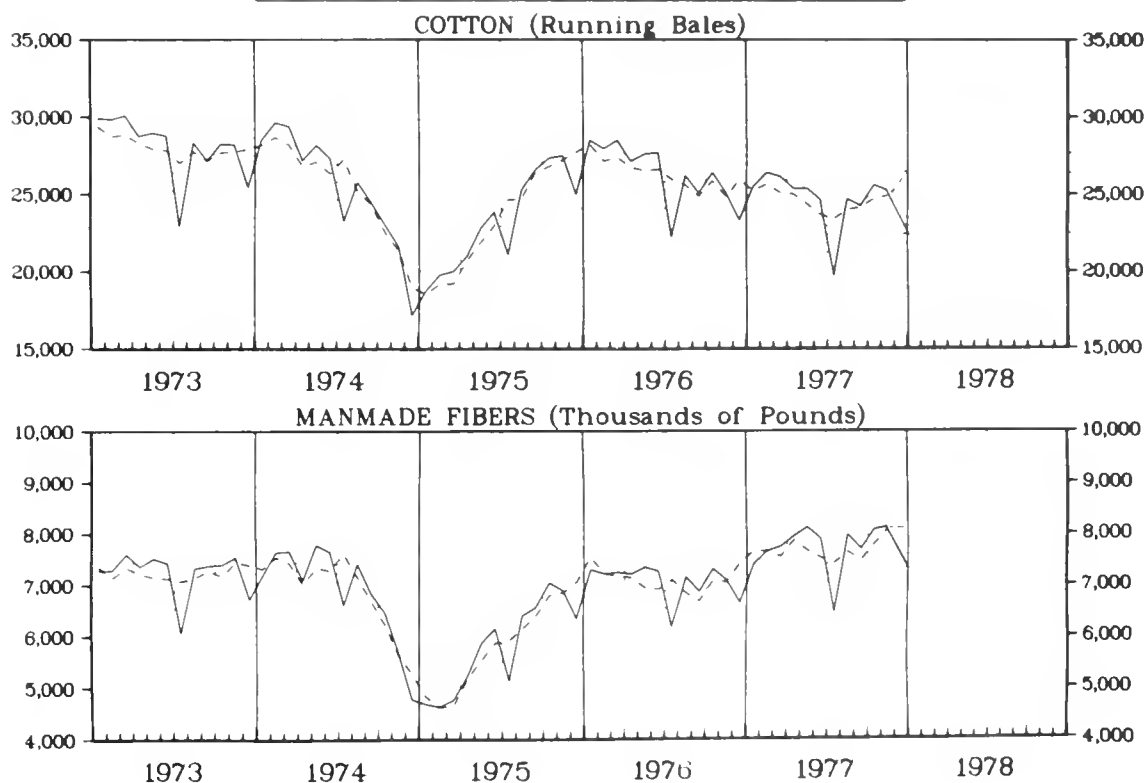
M22P(78)-7  
Issued April 1978

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 11. An annual current industrial report is published in this series. The annual report includes all the months for the current and previous years and incorporates all known revisions in the series.

DAILY AVERAGE CONSUMPTION OF COTTON  
AND MANMADE FIBERS: 1973 TO 1978

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

For sale by the Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price 30 cents per copy, \$3.90 per year.

INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

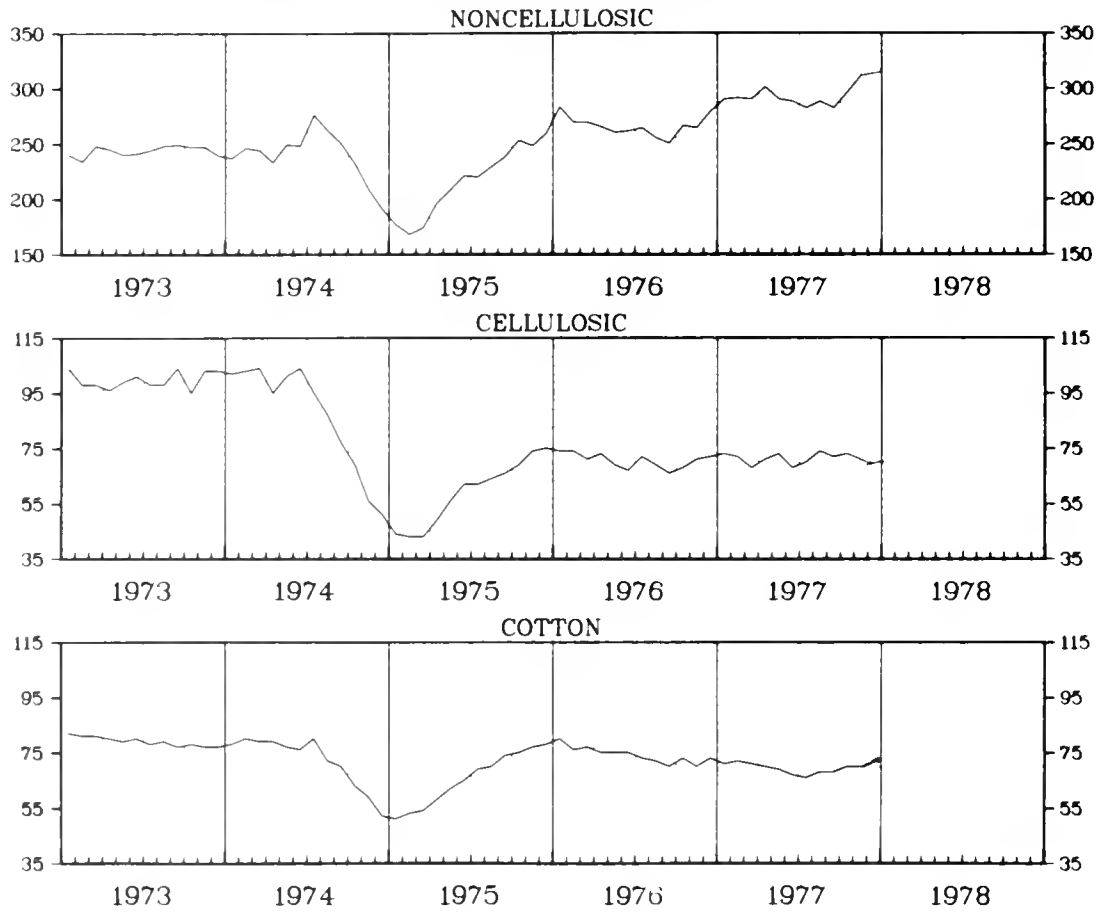


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

Seasonally adjusted<sup>1</sup>

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total mil.
	Cotton			Manmade fibers			Cotton, total 1,000 running bales <sup>1</sup>	Manmade fiber staple, total 1,000 pounds <sup>1</sup>	
	Total running bales <sup>1</sup>	Upland <sup>2</sup> running bales <sup>1</sup>	Long staple <sup>3</sup> running bales <sup>1</sup>	Total 1,000 pounds <sup>1</sup>	Cellulosic 1,000 pounds <sup>1</sup>	Noncellulosic 1,000 pounds <sup>1</sup>			
1978									
February (4 weeks).....	24,574	24,334	240	8,334	1,648	6,686	7,270	128,863	414
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	26,044	25,815	229	8,046	1,534	6,512	7,251	115,709	415
November (4 weeks).....	24,887	24,659	228	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	24,701	24,445	256	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	23,879	254	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	23,742	249	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	23,110	267	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April (4 weeks).....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418
March (5 weeks).....	27,347	26,951	396	7,174	1,501	5,673	5,640	154,012	423
February (4 weeks).....	27,139	26,830	309	7,230	1,570	5,660	5,517	160,969	424

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, Mar. 23, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 (running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
February (4 weeks).....	25,296	25,040	256	8,327	1,641	6,686	9,684	121,776	418
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426
March (5 weeks).....	28,478	28,083	395	7,249	1,531	5,718	6,638	144,925	431
February (4 weeks).....	27,937	27,608	329	7,224	1,564	5,660	7,348	152,116	428

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
February (4 weeks).....	69	78	317
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301
March (5 weeks).....	71	68	290
February (4 weeks).....	72	72	291

<sup>1</sup>Revised.



Table 2.--TOTAL CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, state, and type of material	February 1978 (Jan. 29 to Feb. 25)		January 1978 (Jan. 1 to Jan. 28)		February 1977 (Jan. 30 to Feb. 26)	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total <sup>1</sup> .....	505,917	253,493	492,583	246,249	527,836	260,256
By area and state:						
Cotton growing states.....	503,694	252,351	490,268	245,072	524,805	258,739
Alabama.....	67,791	33,815	62,597	31,101	68,289	33,986
Georgia.....	93,058	46,832	93,253	46,705	90,499	44,720
North Carolina.....	178,722	89,339	172,449	86,146	189,635	93,573
South Carolina.....	127,888	64,160	125,349	62,788	135,953	67,386
Tennessee.....	9,537	4,734	8,790	4,334	9,647	4,628
Texas.....	4,935	2,528	4,284	2,209	5,252	2,668
Virginia.....	13,752	6,876	15,347	7,635	17,315	7,673
Other states.....	8,011	4,067	8,199	4,154	8,215	4,105
New England.....	1,896	978	1,938	988	2,731	1,382
Rest of United States.....	327	164	377	189	300	135
By type of cotton:						
American upland, total.....	500,795	250,845	487,186	243,470	521,351	257,068
Staple less than 1 inch in length.....	37,775	18,900	35,416	17,729	41,828	20,855
1 inch and 1-1/32 inch staples.....	130,197	65,193	125,630	62,678	143,806	70,680
1-1/16 inch and 1-3/32 inch staples.....	292,104	146,730	285,764	142,949	292,251	145,104
Staples longer than 1-3/32 inch.....	27,022	13,634	25,728	12,880	29,421	14,607
Staples not specified by kind.....	13,697	6,388	14,648	7,234	14,045	5,822
American-Pima, Sea Island, and other domestic cotton.....	4,040	2,070	4,279	2,177	3,706	1,864
Foreign cotton, total.....	1,082	578	1,118	602	2,779	1,324
Staple length 1-1/8 inch or more.....	1,082	578	1,106	597	2,251	1,062
Staple length under 1-1/8 inch.....			12	5	528	262
Manmade fiber staple <sup>1 2</sup> .....	(X)	166,542	(X)	157,983	(X)	153,199
Rayon and acetate.....	(X)	32,814	(X)	32,644	(X)	30,350
Nylon.....	(X)	7,711	(X)	6,962	(X)	7,554
Acrylic and modacrylic.....	(X)	16,403	(X)	13,518	(X)	13,652
Polyester.....	(X)	108,205	(X)	103,779	(X)	100,938
Other manmade fiber.....	(X)	1,409	(X)	1,080	(X)	705

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 2 for February 1978; 20 for January 1978; and 20 for February 1977.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: February 1978, not available; January 1978, 29,181; and February 1977, 27,616.

Table 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

Area, state, and type of material	February 25, 1978		January 28, 1978		February 26, 1977	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total.....	952,043	475,000	936,620	468,124	1,083,080	540,861
By area and state:						
Cotton growing states.....	947,465	472,655	931,195	465,350	1,074,717	536,671
Alabama.....	139,866	70,129	139,496	69,839	140,945	70,377
California.....						
Georgia.....	138,554	70,251	138,314	69,800	153,591	78,829
North Carolina.....	279,675	139,548	264,915	132,163	288,658	143,948
South Carolina.....	302,109	149,669	297,398	148,699	396,285	196,639
Tennessee.....	49,006	23,947	51,523	25,048	58,073	28,282
Texas.....	9,422	4,759	10,639	5,371	13,196	6,636
Virginia.....	23,391	11,648	21,861	10,904	16,637	8,281
Other states.....	5,442	2,704	7,049	3,526	7,332	3,679
New England.....	4,158	2,120	4,965	2,530	7,763	3,891
Rest of United States.....	420	225	460	244	600	299
By type of cotton:						
American upland.....	938,302	468,049	923,056	461,256	1,056,464	527,785
American-Pima, Sea Island, and other domestic cotton.....	11,301	5,721	10,407	5,233	15,395	7,627
Foreign cotton, total.....	2,440	1,230	3,157	1,635	11,221	5,449
Staple length 1-1/8 inch or more.....	2,423	1,216	3,135	1,617	9,691	4,714
Staple length under 1-1/8 inch.....	17	14	22	18	1,530	735
Manmade fiber staple <sup>1</sup> .....	(X)	121,776	(X)	117,551	(X)	156,531
Rayon and acetate.....	(X)	26,605	(X)	25,791	(X)	32,492
Nylon.....	(X)	5,879	(X)	4,758	(X)	6,483
Acrylic and modacrylic.....	(X)	11,311	(X)	10,182	(X)	11,731
Polyester.....	(X)	77,264	(X)	76,339	(X)	105,092
Other manmade fiber.....	(X)	717	(X)	481	(X)	733

Note: Cotton - Bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton: Running bales, except that imports are in 500 lbs. equivalent gross bales)

Area, state, and type of material	Feb. 25, 1978	Jan. 28, 1978	Feb. 26, 1977
Domestic and foreign cotton, total.....	8,732,055	9,638,524	5,792,245
By area and state:			
Cotton-growing states.....	8,731,890	9,638,345	5,792,083
Alabama.....	239,932	249,871	263,245
Arizona.....	569,197	616,790	475,276
Arkansas.....	455,081	522,376	302,970
California.....	1,434,862	1,600,528	1,193,993
Georgia.....	181,797	188,730	199,068
Louisiana.....	416,094	496,437	293,503
Mississippi.....	845,968	957,744	444,596
Missouri.....	137,761	154,438	104,323
New Mexico.....	( <sup>1</sup> )	133,930	46,135
North Carolina.....	134,830	115,150	121,589
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....	277,329	286,539	282,702
Tennessee.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Texas.....	3,502,893	3,878,599	1,823,741
Virginia.....	-	-	-
Other states.....	536,146	437,213	240,942
New England.....	165	179	162
Rest of United States.....			
By type of cotton:			
American upland.....	8,640,105	9,547,645	5,740,687
American-Pima, Sea Island and other domestic cotton....	86,411	86,630	36,791
Foreign cotton, total ( <sup>2</sup> ).....	5,539	4,249	14,767
Staple length 1-1/8 inch or more.....	(D)	(D)	1,919
Staple length under 1-1/8 inch.....	(D)	(D)	12,848

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Included in "other states".<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on February 25, 1978 were withheld to avoid disclosing figures for individual companies.

Table 5.--LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	February 1978 (Jan. 29 to Feb. 25)	January 1978 (Jan. 1 to Jan. 28)	February 1978 (Jan. 30 to Feb. 26)
Consumption, total.....	Run. bales.....	79,504	71,098	77,152
Bleachers: Running bales.....	..do.....	60,351	53,981	56,196
Gross weight.....	M. lbs.....	38,112	34,050	35,474
Other consumers.....	Run. bales.....	19,153	17,117	20,956
Pacific and mountain states.....	..do.....	3,247	3,010	3,617
All other states.....	..do.....	15,906	14,107	17,339
Stocks, total (end of period).....	Run. bales.....	292,662	281,471	386,007
Bleachers: Running bales.....	..do.....	140,600	136,012	205,562
Gross weight.....	M. lbs.....	88,595	85,435	129,609
Other consumers.....	Run. bales.....	34,290	33,098	44,229
Pacific and mountain states.....	..do.....	3,932	4,084	5,790
All other states.....	..do.....	30,358	29,014	38,439
Public storage and compresses.....	..do.....	9,921	7,901	21,708
Pacific and mountain states.....	..do.....	9,921	7,901	21,708
All other states.....	..do.....			
Oil mills ( <sup>1</sup> ).....	..do.....	107,851	104,460	114,508

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and state	Spindles in place	100 percent cotton	100 percent manmade fibers	Other fibers and blends
FEBRUARY 1978 (January 29 to February 25)				
United States, total.....	17,798	6,624	2,308	7,704
Cotton growing states.....	17,518	6,573	2,228	7,696
Alabama.....	1,678	865	119	545
Georgia.....	2,339	1,159	153	901
North Carolina.....	6,044	2,515	908	2,303
South Carolina.....	6,279	1,564	975	3,385
Tennessee.....	402	267	(D)	103
Texas.....	163	31	34	(D)
Virginia.....	527	113	(D)	(D)
Other states.....	86	59	(D)	24
New England.....	280	51	80	8
Rest of United States.....				
JANUARY 1978 (January 1 to January 28)				
United States, total.....	17,819	6,644	2,280	7,762
Cotton growing states.....	17,539	6,603	2,200	7,753
Alabama.....	1,689	893	119	542
Georgia.....	2,348	1,159	136	925
North Carolina.....	6,050	2,509	901	2,330
South Carolina.....	6,277	1,576	968	3,385
Tennessee.....	402	266	(D)	103
Texas.....	163	30	34	(D)
Virginia.....	524	113	(D)	(D)
Other states.....	86	57	(D)	27
New England.....	280	41	80	9
Rest of United States.....				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

r Revised by 5 percent or more from previously published figures.

Table 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and state	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
FEBRUARY 1978 (January 29 to February 25)				
United States, total.....	8,350	3,361	1,116	3,873
Cotton growing states.....	8,310	3,351	1,088	3,871
Alabama.....	748	437	60	251
Georgia.....	1,060	525	72	463
North Carolina.....	2,963	1,380	443	1,140
South Carolina.....	2,991	787	478	1,726
Tennessee.....	221	132	(D)	(D)
Texas.....	67	9	(D)	(D)
Virginia.....	221	52	(D)	(D)
Other states.....	39	29	-	10
New England.....	40	10	28	2
Rest of United States.....				
JANUARY 1978 (January 1 to January 28)				
United States, total.....	8,248	3,291	1,102	3,855
Cotton growing states.....	8,207	3,281	1,073	3,853
Alabama.....	698	412	56	230
Georgia.....	1,075	512	66	497
North Carolina.....	2,943	1,365	449	1,129
South Carolina.....	2,965	789	464	1,712
Tennessee.....	200	120	(D)	(D)
Texas.....	63	8	(D)	(D)
Virginia.....	223	46	(D)	(D)
Other states.....	40	29	(D)	(D)
New England.....	41	10	29	2
Rest of United States.....				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

Table 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

Item	Unit of measure	All industries, total	Weaving mills (SIC 221, 222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
FEBRUARY 1978 (January 29 to February 25)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	M. lbs.....	505,917	364,587	107,659	33,671
Stocks <sup>2</sup> .....	M. lbs.....	952,043	669,299	197,130	85,614
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	166,542	108,026	33,506	25,010
Stocks.....	M. lbs.....	121,776	74,107	28,239	19,430
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	32,814	19,547	8,034	5,233
Stocks.....	M. lbs.....	26,605	14,285	8,055	4,265
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	133,728	88,479	25,472	19,777
Stocks.....	M. lbs.....	95,171	59,822	20,184	15,165
Spindle activity:					
Spindles in place.....	Thousands...	17,798	12,595	3,914	1,289
Hours operated.....	Millions....	8,350	5,749	1,988	613
JANUARY 1978 (January 1 to January 28)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	M. lbs.....	492,583	357,772	103,259	31,552
Stocks <sup>2</sup> .....	M. lbs.....	936,620	668,011	188,825	79,784
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	157,983	101,157	32,853	23,973
Stocks.....	M. lbs.....	117,551	73,447	25,675	18,429
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	32,644	19,198	8,091	5,355
Stocks.....	M. lbs.....	25,791	14,737	6,824	4,230
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	125,339	81,959	24,762	18,618
Stocks.....	M. lbs.....	91,760	58,710	18,851	14,199
Spindle activity:					
Spindles in place.....	Thousands...	17,819	12,628	3,901	1,290
Hours operated.....	Millions....	8,248	5,668	1,958	622

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for February 1978 and 20 for January 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	January 1978	December 1977	Cotton season 6 months through January 1978
Cotton			
Total.....	520,703	495,546	1,879,651
Canada.....	21,120	19,132	107,999
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	37,002	21,173	99,305
Republic of Philippines.....	5,818	5,444	35,367
Republic of Korea.....	132,376	98,077	464,497
China-Taiwan.....	34,430	30,938	128,735
Japan.....	112,888	128,194	410,083
Other countries.....	177,069	192,588	633,665
Linters			
Total.....	8,891	13,918	72,650
Canada.....	1,532	2,282	15,512
Mexico.....	-	-	81
United Kingdom.....	-	55	620
Federal Republic of Germany.....	4,029	6,011	29,801
Japan.....	2,852	4,707	21,267
Other countries.....	478	863	5,369
Manmade fiber staple and tow			
Total.....	40,630	19,927	160,323
Canada.....	5,004	3,120	25,567
Brazil.....	624	325	2,757
United Kingdom.....	365	857	2,357
Netherlands.....	744	175	1,815
Belgium.....	1,573	558	8,624
Federal Republic of Germany.....	342	226	1,955
Switzerland.....	753	18	1,378
U.S.S.R.....	1,375	-	1,375
Hong Kong.....	441	1,773	6,210
Japan.....	90	60	428
Australia.....	1,364	361	4,955
Other countries.....	27,955	12,454	102,902

Note: Includes Schedules B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS

(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	January 1978	December 1977	Cotton season 6 months through January 1978
Cotton <sup>1</sup>			
Total.....	-	-	2,956
Mexico.....	-	-	-
Peru.....	-	-	1,437
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	524
Sudan.....	-	-	993
Other countries.....	-	-	2
Linters <sup>1</sup>			
Total.....	3,138	3,696	17,977
Mexico.....	3,061	1,870	12,050
Brazil.....	77	78	437
Other countries.....	-	1,748	5,490
Manmade fiber staple and town <sup>1</sup>			
Total.....	7,340	2,820	32,257
Canada.....	248	375	2,861
United Kingdom.....	2	6	920
France.....	-	43	2,095
Federal Republic of Germany.....	849	28	2,678
Austria.....	1,822	368	8,196
Switzerland.....	-	-	-
Italy.....	389	402	1,763
Japan.....	577	661	3,953
Other countries.....	3,453	937	9,791

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

Table 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	85.0	80.6	84.4
Stock, August 1.....	19.5	22.4	30.1
Production.....	65.5	58.2	54.3
Distribution.....	84.8	80.8	84.5
Consumption.....	61.3	61.3	62.1
Stocks, July 31.....	23.5	19.5	22.4
Difference <sup>1</sup> .....	-0.2	+0.2	+0.1

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10-percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

### REPORTING CALENDAR 1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

#### CONTACTS FOR DATA USERS

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Foreign Trade publications	Juanita Noone	(301) 763-5140
To order a Census publication	Daisy Williams	(301) 763-7472
To order microfilm of Census publications	Theresa Allen	(301) 763-5042





3,158:

# Consumption on the Cotton System

APRIL 1978



U.S. Department of Commerce  
BUREAU OF THE CENSUS

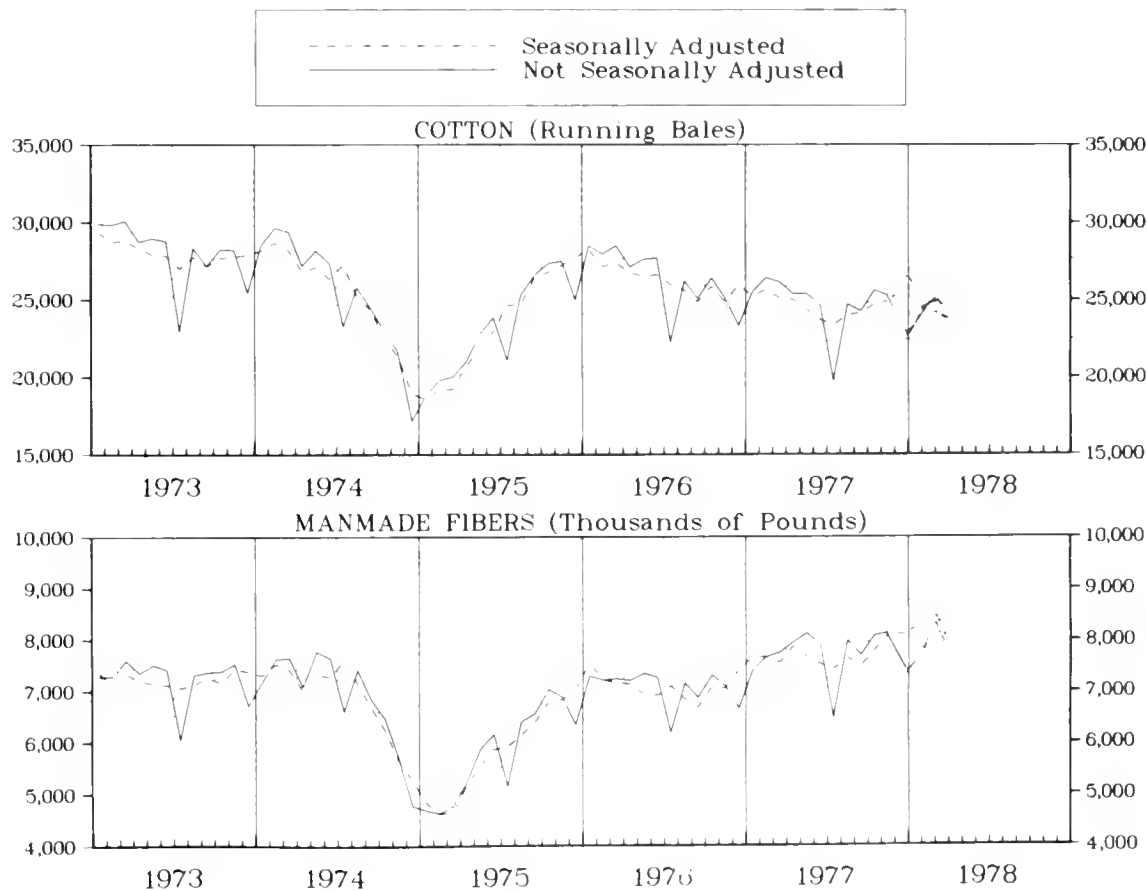
M22P(78)-9  
Issued June 1978

M22P(78)-9

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 11. An annual current industrial report is published in this series. The annual report includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Elvinia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

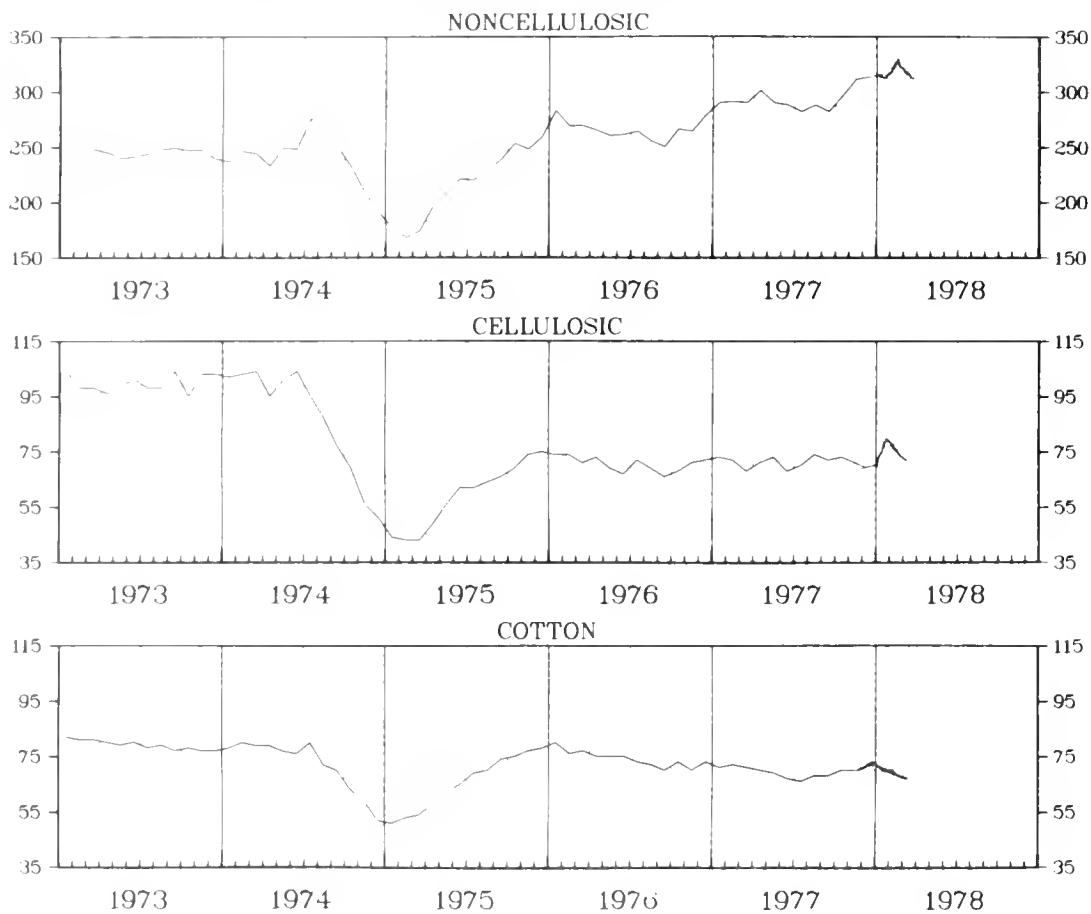


Table 1A.--SUMMARY OF DAILY AVERAGE OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

Seasonally adjusted

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total mil.
	Cotton			Manmade fibers			Cotton, total, 1,000 running bales <sup>1</sup>	Manmade fiber staple, total, 1,000 pounds <sup>1</sup>	
	Total running bales	Upland <sup>2</sup> running bales	Long staple <sup>3</sup> running bales	Total 1,000 pounds	Cellulosic 1,000 pounds	Noncellulosic 1,000 pounds			
1978									
April (4 weeks).....	23,631	23,364	262	7,750	1,492	6,258	7,259	122,836	401
March (5 weeks).....	23,803	23,532	271	7,829	1,505	6,324	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January 4 weeks .....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December 5 weeks .....	26,044	25,815	229	8,046	1,534	6,512	7,251	115,709	415
November 4 weeks .....	24,887	24,659	228	8,080	1,515	6,565	7,710	122,757	404
October 4 weeks .....	24,701	24,445	256	7,791	1,547	6,244	7,973	120,899	400
September 5 weeks .....	24,133	23,874	254	7,482	1,526	5,956	7,014	121,087	386
August 4 weeks .....	23,991	23,742	249	7,641	1,572	6,069	5,083	123,663	392
July 4 weeks .....	23,377	23,110	267	7,423	1,483	5,940	4,658	137,733	383
June 5 weeks .....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May 4 weeks .....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April 4 weeks .....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March 5 weeks .....	25,042	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February 4 weeks .....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January 4 weeks .....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December 5 weeks .....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November 4 weeks .....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October 4 weeks .....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September 5 weeks .....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August 4 weeks .....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July 4 weeks .....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June 5 weeks .....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May 4 weeks .....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414
April 4 weeks .....	26,730	26,307	423	7,148	1,558	5,590	5,708	151,304	418

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, May 23, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

Not seasonally adjusted

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>2</sup> spindle hours operated, total mil.
	Cotton			Manmade fibers			Cotton, total, 1,000 running bales	Manmade fiber staple, total, 1,000 pounds	
	Total	Upland <sup>2</sup>	Long staple <sup>3</sup>	Total	Cellulosic	Noncellulosic			
running bales	running bales	running bales	1,000 pounds	1,000 pounds	1,000 pounds				
1975									
April (4 weeks).....	23,973	23,720	253	7,828	1,495	6,333	7,419	117,800	409
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	415
January (4 weeks).....	24,629	24,459	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432
April (4 weeks).....	27,110	26,702	408	7,218	1,561	5,657	5,834	145,101	426

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

Seasonally adjusted. Index is computed based on 1967 daily average = 100

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
April (4 weeks).....	67	70	297
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290
April (4 weeks).....	70	71	301

Table 2.--TOTAL CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, state, and type of material	April 1978 (April 2 to April 29)		March 1978 (Feb. 26 to April 1)		April 1977 (April 2 to April 30)	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total <sup>1</sup> .....	479,467	240,210	619,750	310,195	507,170	251,115
By area and state:						
Cotton growing states.....	477,087	238,999	616,853	308,738	504,234	249,662
Alabama.....	65,496	32,678	83,613	41,626	67,886	33,804
Georgia.....	87,201	43,710	109,919	55,178	90,560	44,805
North Carolina.....	166,368	83,430	221,443	110,920	177,736	87,486
South Carolina.....	122,381	61,283	157,353	78,761	129,701	64,619
Tennessee.....	9,748	4,854	12,202	6,069	9,350	4,451
Texas.....	5,207	2,655	6,105	3,101	4,804	2,451
Virginia.....	13,122	6,592	15,852	7,913	17,231	8,533
Other states.....	7,564	3,797	10,366	5,170	6,966	3,493
New England.....	2,066	1,050	2,512	1,260	2,839	1,439
Rest of United States.....	314	161	385	197	97	34
By type of cotton:						
American upland, total.....	474,404	237,687	612,996	306,835	500,847	247,994
Staple less than 1 inch in length.....	32,164	16,137	40,104	20,029	38,493	19,428
1 inch and 1-1/32 inch staples.....	119,728	60,318	168,649	84,138	128,593	63,748
1-1/32 inch and 1-3/32 inch staples.....	285,288	142,346	357,205	178,699	288,830	142,889
Staples longer than 1-3/32 inch.....	25,361	12,672	32,276	16,565	30,763	15,292
Staples not specified by kind.....	11,863	5,214	14,762	7,404	14,168	6,637
American-Pima, Sea Island, and other domestic cotton.....	4,224	2,101	5,554	2,777	4,150	2,061
Foreign cotton, total.....	839	422	1,200	583	2,173	1,060
Staple length 1-1/8 inch or more.....	839	422	1,200	583	1,745	845
Staple length under 1-1/8 inch.....					428	215
Manmade fiber staple <sup>1</sup> .....	(X)	156,576	(X)	200,737	(X)	158,964
Rayon and acetate.....	(X)	29,908	(X)	38,371	(X)	30,300
Nylon.....	(X)	6,314	(X)	8,660	(X)	7,730
Acrylic and modacrylic.....	(X)	14,988	(X)	18,464	(X)	15,078
Polyester.....	(X)	104,574	(X)	134,182	(X)	105,132
Other manmade fiber.....	(X)	742	(X)	1,060	(X)	724

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for April 1978; 25 for March 1978; and 20 for April 1977.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing in woolen and worsted mills is as follows: Not available for April 1978; 38,208 for March 1978; and 27,850 for April 1977.

Table 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

Area, state, and type of material	April 29, 1978		April 1, 1978		April 30, 1977	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total.....	1,038,926	517,721	1,012,321	506,144	1,182,045	587,865
By area and state:						
Cotton growing states.....	1,034,360	515,419	1,008,158	504,021	1,173,923	583,764
Alabama.....	146,126	72,752	142,833	71,498	160,606	79,133
California.....						
Georgia.....	145,546	73,012	147,270	74,117	165,658	83,178
North Carolina.....	326,539	162,362	312,915	156,072	248,730	148,751
South Carolina.....	340,901	170,196	323,552	162,063	448,993	223,544
Tennessee.....	37,528	18,289	43,514	21,181	56,387	27,410
Texas.....	9,358	4,690	9,203	4,650	13,827	6,930
Virginia.....	21,528	10,674	21,573	10,781	21,065	10,469
Other states.....	6,834	3,444	7,298	3,659	8,657	4,349
New England.....	4,088	2,060	3,794	1,934	7,511	3,767
Rest of United States.....	478	242	369	189	611	334
By type of cotton:						
American upland.....	1,021,870	510,288	996,999	498,521	1,159,206	576,626
American-Pima, Sea Island, and other domestic cotton.....	13,382	6,592	13,129	6,503	13,249	6,577
Foreign cotton, total.....	1,674	841	2,193	1,120	9,590	4,662
Staple length 1-1/8 inch or more.....	1,674	841	2,193	1,120	7,995	3,897
Staple length under 1-1/8 inch.....					1,595	765
Manmade fiber staple <sup>1</sup> .....	(X)	117,600	(X)	122,851	(X)	156,552
Rayon and acetate.....	(X)	23,424	(X)	25,340	(X)	31,391
Nylon.....	(X)	7,546	(X)	8,184	(X)	7,180
Acrylic and modacrylic.....	(X)	12,134	(X)	11,700	(X)	13,580
Polyester.....	(X)	73,469	(X)	79,002	(X)	103,748
Other manmade fiber.....	(X)	728	(X)	625	(X)	653

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton: Running bales, except that imports are in 500 lbs. equivalent gross bales)

Area, state, and type of material	April 29, 1978	April 1, 1978	April 30, 1977
Domestic and foreign cotton, total.....	6,379,969	7,402,935	3,825,329
By area and state:			
Cotton-growing states.....	6,379,840	7,402,790	3,825,213
Alabama.....	214,371	231,329	227,403
Arizona.....	418,348	497,222	337,371
Arkansas.....	329,786	384,196	164,490
California.....	973,149	1,171,717	740,323
Georgia.....	164,066	170,781	175,625
Louisiana.....	272,014	337,060	182,849
Mississippi.....	608,236	725,061	260,414
Missouri.....	103,698	118,196	56,805
New Mexico.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
North Carolina.....	144,698	140,151	118,777
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....	237,608	248,585	248,989
Tennessee.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Texas.....	2,499,004	2,919,695	1,067,611
Virginia.....	-	-	-
Other states.....	414,862	458,797	244,556
New England.....	129	145	116
Rest of United States.....			
By type of cotton:			
American upland.....	6,301,880	7,321,482	3,782,471
American-Pima, Sea Island and other domestic cotton....	73,575	76,383	32,228
Foreign cotton, total ( <sup>2</sup> ).....	4,514	5,070	10,630
Staple length 1-1/8 inch or more.....	(D)	(D)	1,864
Staple length under 1-1/8 inch.....	(D)	(D)	8,766

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in "other states".<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on April 29, were withheld to avoid disclosing figures for individual companies.

Table 5.--LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	April 1978 (April 2 to April 29)	March 1978 (Feb. 26 to April 1)	April 1977 (April 3 to April 30)
Consumption, total.....	Run. bales.....	79,534	95,520	83,010
Bleachers: Running bales.....	..do.....	58,308	69,403	61,921
Gross weight.....	M. lbs.....	37,107	44,427	39,189
Other consumers.....	Run. bales.....	21,226	26,117	21,089
Pacific and mountain states.....	..do.....	3,583	4,249	3,366
All other states.....	..do.....	17,643	21,868	17,723
Stocks, total (end of period).....	Run. bales.....	302,081	296,369	376,396
Bleachers: Running bales.....	..do.....	158,098	149,199	208,386
Gross weight.....	M. lbs.....	99,740	94,425	131,001
Other consumers.....	Run. bales.....	32,681	33,770	47,193
Pacific and mountain states.....	..do.....	4,378	4,360	5,714
All other states.....	..do.....	28,303	29,410	41,479
Public storage and compresses.....	..do.....	10,838	10,473	20,038
Pacific and mountain states.....	..do.....	10,838	10,473	20,038
All other states.....	..do.....			
Oil mills ( <sup>1</sup> ).....	..do.....	100,464	102,927	100,779

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and state	Spindles in place	100 percent cotton	100 percent manmade fibers	Other fibers and blends
April 1978 (April 2 to April 29)				
United States, total.....	17,649	6,478	2,304	7,714
Cotton growing states.....	17,369	6,427	2,224	7,705
Alabama.....	1,686	823	120	660
Georgia.....	2,271	1,140	118	874
North Carolina.....	5,896	2,421	909	2,235
South Carolina.....	6,313	1,558	997	3,347
Tennessee.....	402	269	(D)	98
Texas.....	164	31	35	(D)
Virginia.....	488	108	(D)	(D)
Other states.....	149	77	(D)	67
New England.....	280	51	80	9
Rest of United States.....				
March 1978 (February 26 to April 1)				
United States, total.....	17,662	6,470	2,287	7,743
Cotton growing states.....	17,382	6,419	2,207	7,734
Alabama.....	1,680	843	114	647
Georgia.....	2,274	1,126	119	883
North Carolina.....	5,912	2,415	912	2,254
South Carolina.....	6,313	1,550	985	3,358
Tennessee.....	402	269	(D)	101
Texas.....	164	31	37	(D)
Virginia.....	488	108	(D)	(D)
Other states.....	149	77	(D)	67
New England.....	280	51	80	9
Rest of United States.....				

(D) Withheld to avoid disclosing figures for individual companies.

Table 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and state	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
April 1978 (April 2 to April 29)				
United States, total.....	8,186	3,334	1,068	3,784
Cotton growing states.....	8,144	3,322	1,040	3,782
Alabama.....	735	426	54	255
Georgia.....	988	527	53	408
North Carolina.....	2,851	1,344	419	1,088
South Carolina.....	3,002	794	474	1,734
Tennessee.....	222	141	(D)	(D)
Texas.....	70	8	(D)	(D)
Virginia.....	216	52	(D)	(D)
Other states.....	60	30	(D)	(D)
New England.....	42	12	28	2
Rest of United States.....				
March 1978 (February 26 to April 1)				
United States, total.....	10,082	4,042	1,306	4,734
Cotton growing states.....	10,029	4,028	1,270	4,731
Alabama.....	937	529	71	337
Georgia.....	1,240	641	73	526
North Carolina.....	3,458	1,607	514	1,337
South Carolina.....	3,644	969	567	2,158
Tennessee.....	277	172	(D)	(D)
Texas.....	85	10	(D)	(D)
Virginia.....	265	63	(D)	(D)
Other states.....	73	37	(D)	(D)
New England.....	53	14	36	3
Rest of United States.....				

(D) Withheld to avoid disclosing figures for individual companies.

Table 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

Item	Unit of measure	All industries, total	Weaving mills (SIC 221, 222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
APRIL 1978 (April 2 to April 29)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	M. lbs.....	479,467	342,082	107,894	29,491
Stocks <sup>2</sup> .....	M. lbs.....	1,038,926	739,131	229,384	70,411
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	156,576	99,514	31,191	25,871
Stocks.....	M. lbs.....	117,800	71,046	26,589	20,165
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	29,908	16,768	7,248	5,892
Stocks.....	M. lbs.....	23,924	12,095	7,011	4,818
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	126,668	82,746	23,943	19,979
Stocks.....	M. lbs.....	93,876	58,951	19,578	15,347
Spindle activity:					
Spindles in place.....	Thousands...	17,649	12,491	3,869	1,289
Spindles active.....	Thousands...	16,496	11,638	3,680	1,178
Hours operated.....	Millions....	8,186	5,626	1,944	616
MARCH 1978 (February 26 to April 1)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	M. lbs.....	619,750	453,599	131,902	34,249
Stocks <sup>2</sup> .....	M. lbs.....	1,012,321	717,314	222,011	72,996
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	200,737	131,401	39,120	30,216
Stocks.....	M. lbs.....	122,851	75,773	28,120	18,958
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	38,371	22,903	9,358	6,110
Stocks.....	M. lbs.....	25,340	13,489	7,490	4,361
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	162,366	108,498	29,762	24,106
Stocks.....	M. lbs.....	97,511	62,284	20,630	14,597
Spindle activity:					
Spindles in place.....	Thousands...	17,662	12,491	3,882	1,289
Spindles active.....	Thousands...	16,500	11,693	3,622	1,189
Hours operated.....	Millions....	10,082	6,949	2,380	759

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for April 1978 and 25 for March 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.



Table 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	March 1978	February 1978	Cotton season 8 months through March 1978
COTTON			
Total.....	703,707	501,688	3,085,046
Canada.....	21,338	16,043	145,380
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	13,913	11,143	124,361
Republic of Philippines.....	8,405	4,475	48,247
Republic of Korea.....	152,515	111,089	728,101
China-Taiwan.....	46,807	51,092	226,634
Japan.....	113,774	98,137	621,994
Other countries.....	346,955	209,709	1,190,329
LINTERS			
Total.....	18,658	7,667	98,975
Canada.....	2,717	1,950	20,179
Mexico.....	5,675	479	6,235
United Kingdom.....	45	161	826
Federal Republic of Germany.....	4,429	1,310	35,540
Japan.....	4,621	2,533	28,421
Other countries.....	1,171	1,234	7,774
MANMADE FIBER STAPLE AND TOW			
Total.....	37,126	40,753	238,202
Canada.....	7,017	5,637	38,221
Brazil.....	770	507	4,034
United Kingdom.....	308	327	2,992
Netherlands.....	39	573	2,427
Belgium.....	4,402	2,932	15,958
Federal Republic of Germany.....	229	715	2,899
Switzerland.....	213	292	1,883
U.S.S.R.....	1,346	1,140	3,861
Hong Kong.....	1,633	1,420	9,263
Japan.....	111	247	786
Australia.....	2,292	1,735	8,982
Other countries.....	18,766	25,228	146,896

Note: Includes Schedules B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	March 1978	February 1978	Cotton season 8 months through March 1978
<b>COTTON<sup>1</sup></b>			
Total.....	223	245	3,424
Mexico.....	-	-	-
Peru.....	-	229	1,666
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	223	-	747
Sudan.....	-	-	993
Other countries.....	-	16	18
<b>LINTERS<sup>1</sup></b>			
Total.....	2,979	2,537	23,493
Mexico.....	1,964	2,458	16,472
Brazil.....	-	79	516
Other countries.....	1,015	-	6,505
<b>MANMADE FIBER STAPLE AND TOW<sup>1</sup></b>			
Total.....	7,567	7,018	46,842
Canada.....	197	463	3,521
United Kingdom.....	531	148	1,599
France.....	309	61	2,465
Federal Republic of Germany.....	2,359	778	5,815
Austria.....	1,185	2,444	11,825
Switzerland.....	-	-	-
Italy.....	193	274	2,230
Japan.....	744	466	5,163
Other countries.....	2,049	2,384	14,224

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

Table 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	84.7	81.5	85.3
Stock, August 1.....	20.8	23.3	31.0
Production.....	63.9	58.2	54.3
Distribution.....	84.5	82.3	85.1
Consumption.....	61.4	61.5	61.8
Stocks, July 31.....	23.1	20.8	23.3
Difference <sup>1</sup> .....	-0.2	+0.8	-0.2

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10-percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar shown below.

**REPORTING CALENDAR  
1978**

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

#### CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Juanita Noone	(301) 763-5140
To order a Census publication	Daisy Williams	(301) 763-7472
To order micro-film of Census publications	Theresa Allen	(301) 763-5042



3-158:

M22P(78)-10

# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

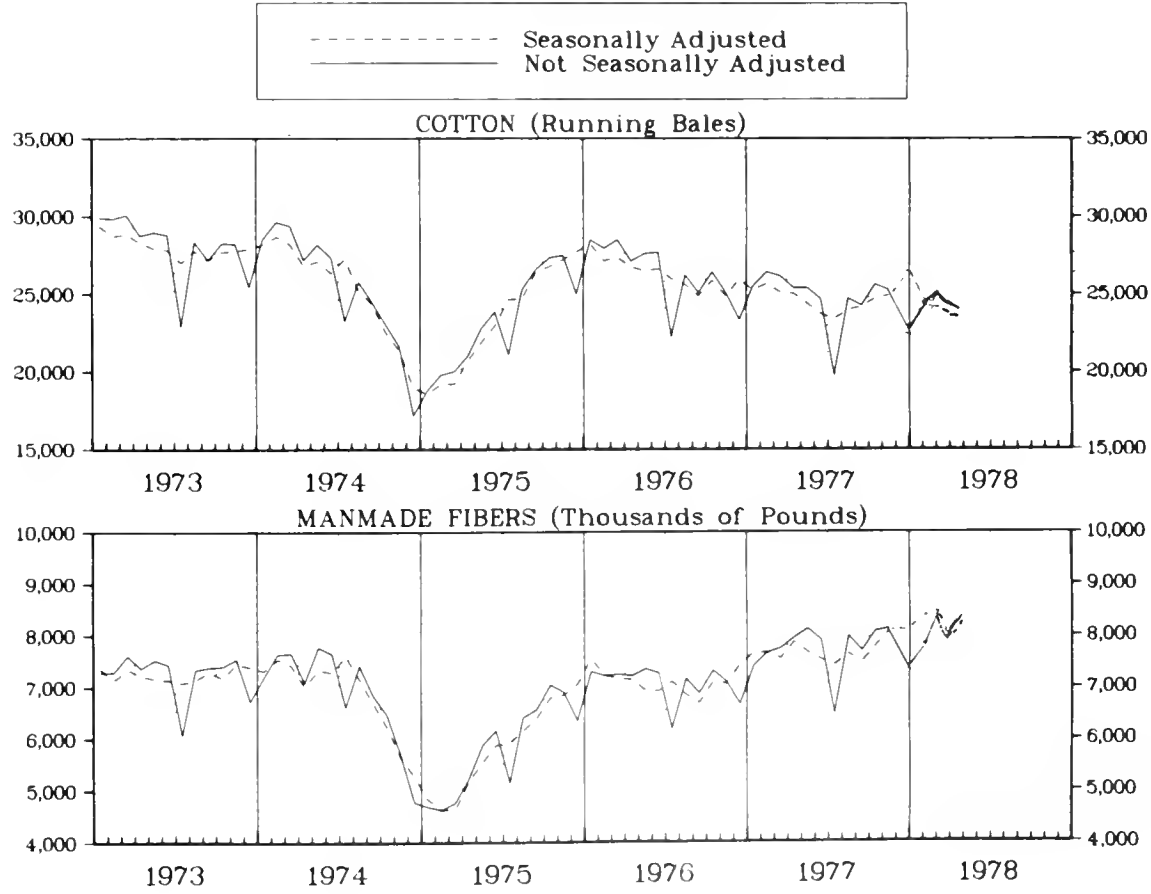
MAY 1978

M22P(78)-10  
Issued July 1978

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 11. An annual current industrial report is published in this series. The annual report includes all the months for the current and previous years and incorporates all known revisions in the series.

DAILY AVERAGE CONSUMPTION OF COTTON  
AND MANMADE FIBERS: 1973 TO 1978



INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

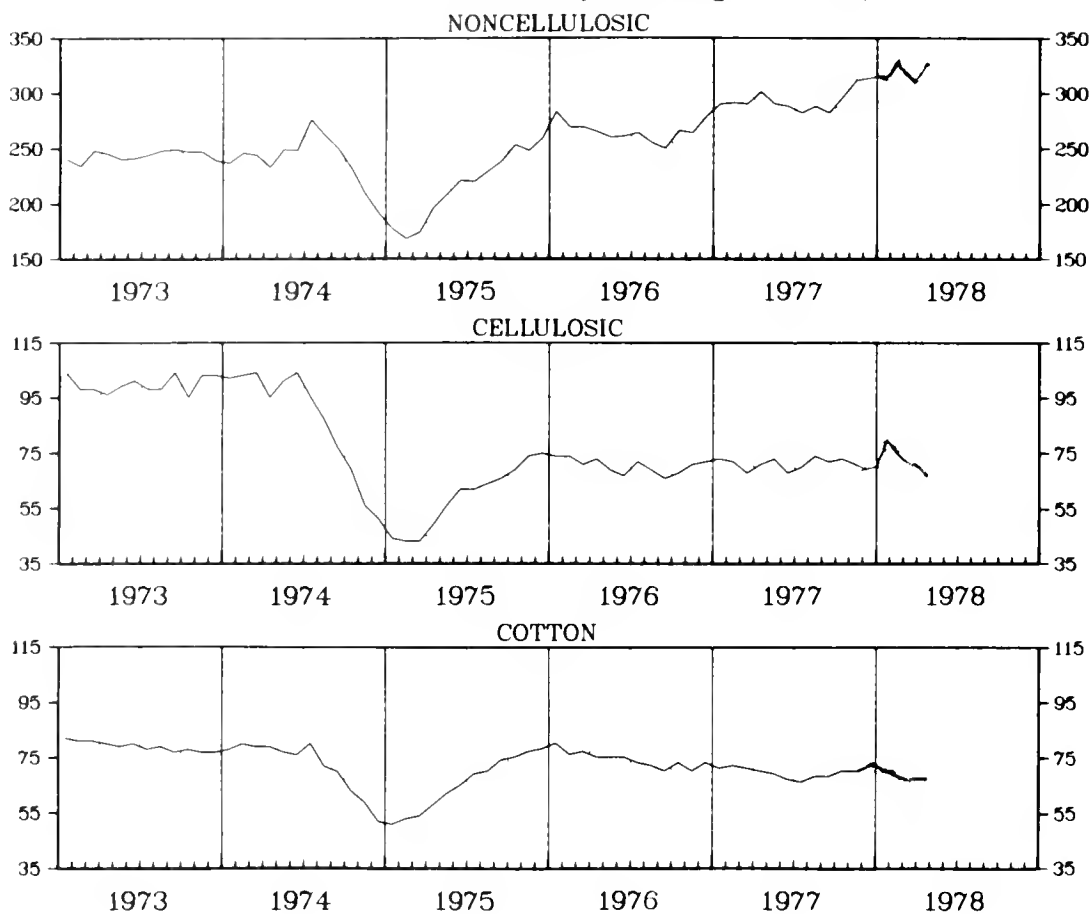


Table 1A.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total  (1,000 (running bales)	Manmade fiber staple, total  (1,000 pounds)	
	Total	Upland <sup>2</sup>	Long staple <sup>3</sup>	Total	Cellu- losic	Noncel- lulosic			
	(running bales)	(running bales)	(running bales)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)			
1978									
May (4 weeks).....	23,260	23,000	260	7,443	1,278	6,165	7,364	122,096	394
April (4 weeks).....	23,869	23,592	277	8,122	1,419	6,703	7,209	121,627	405
March (5 weeks).....	23,803	23,532	271	7,829	1,505	6,324	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	26,044	25,815	229	8,046	1,534	6,512	7,251	115,709	415
November (4 weeks).....	24,887	24,659	228	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	24,701	24,445	256	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	23,879	254	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	23,742	249	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	23,110	267	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	311	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405
May (4 weeks).....	26,487	26,086	401	6,938	1,465	5,473	5,775	142,957	414

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, June 23, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B.--SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
May (4 weeks).....	24,225	23,943	282	7,879	1,375	6,504	6,421	116,602	411
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	116,640	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422
May (4 weeks).....	27,592	27,156	436	7,350	1,576	5,774	5,036	136,524	432

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1.8 incb.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1.8 inch and over.

Table 1C.--INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
May (4 weeks).....	66	60	292
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288
May (4 weeks).....	69	73	290



Table 2.--TOTAL CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, state, and type of material	May 1978 (April 30 to May 27)		April 1978 (April 2 to April 29)		May 1977 (May 1 to May 28)	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total <sup>1</sup> .....	484,495	242,766	484,267	242,541	507,381	251,549
By area and state:						
Cotton growing states.....	482,321	241,663	481,927	241,355	504,535	250,185
Alabama.....	65,649	32,926	66,425	33,308	68,316	34,226
Georgia.....	83,471	42,925	83,807	42,984	89,466	44,411
North Carolina.....	164,292	82,104	166,923	83,442	174,053	85,939
South Carolina.....	128,211	64,283	123,412	61,868	134,506	66,701
Tennessee.....	10,132	5,025	10,051	5,003	9,797	4,698
Texas.....	5,235	2,665	5,566	2,818	4,788	2,449
Virginia.....	14,836	7,427	15,552	7,793	16,008	7,962
Other states.....	8,495	4,108	8,191	4,139	7,601	3,799
New England.....	1,848	935	2,013	1,019	2,747	1,375
Rest of United States.....	326	168	327	167	99	35
By type of cotton:						
American upland, total.....	478,857	239,946	478,929	239,859	501,452	248,674
Staple less than 1 inch in length.....	32,189	16,049	32,575	16,261	40,397	20,163
1 inch and 1-1/32 inch staples.....	122,420	61,539	123,020	61,583	128,008	63,325
1-1/32 inch and 1-3/32 inch staples.....	287,253	143,930	287,333	143,843	289,893	143,853
Staples longer than 1-3/32 inch.....	26,425	13,237	25,873	12,985	29,716	14,775
Staples not specified by kind.....	10,670	5,191	10,128	5,187	13,438	6,558
American-Pima, Sea Island, and other domestic cotton.....	5,028	2,526	4,499	2,261	3,728	1,849
Foreign cotton, total.....	610	294	839	421	2,201	1,072
Staple length 1-1/8 inch or more.....					1,905	924
Staple length under 1-1/8 inch.....					296	148
Manmade fiber staple <sup>1, 2</sup> .....	(X)	157,588	(X)	164,111	(X)	162,431
Rayon and acetate.....	(X)	27,508	(X)	28,445	(X)	33,428
Nylon.....	(X)	9,227	(X)	9,198	(X)	7,887
Acrylic and modacrylic.....	(X)	15,256	(X)	16,786	(X)	15,973
Polyester.....	(X)	104,519	(X)	108,678	(X)	104,401
Other manmade fiber.....	(X)	1,078	(X)	1,004	(X)	742

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for May 1978; 20 for April 1978, and 20 for May 1977.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for May 1978; 31,525 for April 1978 and 26,859 for May 1977.

Table 3.--STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

Area, state, and type of material	May 27, 1978		April 29, 1978		May 28, 1977	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total.....	1,096,807	546,844	1,045,007	520,949	1,182,929	588,020
By area and state:						
Cotton growing states.....	1,091,745	544,269	1,040,070	518,439	1,175,333	584,182
Alabama.....						
California.....	147,367	73,842	146,780	73,179	157,997	78,194
Georgia.....	138,638	69,525	142,798	71,742	171,996	85,516
North Carolina.....	360,719	178,966	328,944	163,162	310,376	154,502
South Carolina.....	377,745	188,591	346,421	173,172	441,440	219,959
Tennessee.....	32,600	15,951	37,655	18,361	50,805	24,693
Texas.....	9,948	5,009	9,548	4,805	13,315	6,682
Virginia.....	17,038	8,503	18,488	9,254	21,390	10,620
Other states.....	7,690	3,882	9,436	4,764	8,014	4,016
New England.....	4,646	2,361	4,476	2,275	7,011	3,518
Rest of United States.....	416	214	461	235	585	320
By type of cotton:						
American upland.....	1,083,351	540,181	1,029,671	513,319	1,159,603	576,546
American-Pima, Sea Island, and other domestic cotton.....	12,253	6,053	13,705	6,811	14,165	7,015
Foreign cotton, total.....	1,203	610	1,631	819	9,161	4,459
Staple length 1-1/8 inch or more.....					7,820	3,820
Staple length under 1-1/8 inch.....					1,341	639
Manmade fiber staple <sup>1</sup> .....	(X)	117,421	(X)	117,707	(X)	146,811
Rayon and acetate.....	(X)	24,749	(X)	23,239	(X)	29,753
Nylon.....	(X)	7,126	(X)	8,011	(X)	7,368
Acrylic and modacrylic.....	(X)	11,105	(X)	12,731	(X)	14,219
Polyester.....	(X)	74,007	(X)	73,900	(X)	94,907
Other manmade fiber.....	(X)	934	(X)	826	(X)	564

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4.--STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton: Running bales, except that imports are in 500 lbs. equivalent gross bales)

Area, state, and type of material	May 27, 1978	April 29, 1978	May 28, 1977
Domestic and foreign cotton, total.....	5,316,969	6,318,653	3,013,564
By area and state:			
Cotton-growing states.....	5,316,855	6,318,524	3,013,468
Alabama.....	191,455	219,498	195,022
Arizona.....	323,544	418,348	272,153
Arkansas.....	267,815	329,701	126,377
California.....	741,233	973,149	572,486
Georgia.....	152,374	162,371	162,014
Louisiana.....	211,270	271,904	121,857
Mississippi.....	495,149	605,118	187,461
Missouri.....	93,773	103,698	34,590
New Mexico.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
North Carolina.....	146,235	144,845	113,187
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....	230,311	237,611	219,724
Tennessee.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Texas.....	2,108,848	2,437,422	783,725
Virginia.....	-	-	-
Other states.....	354,848	414,859	224,872
New England.....	114	129	96
Rest of United States.....			
By type of cotton:			
American upland.....	5,246,512	6,242,104	2,975,575
American-Pima, Sea Island and other domestic cotton....	65,973	72,036	29,715
Foreign cotton, total ( <sup>2</sup> ).....	4,484	4,513	8,274
Staple length 1-1/8 inch or more.....	(D)	(D)	1,799
Staple length under 1-1/8 inch.....	(D)	(D)	6,475

- Represent zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in "other states".<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on May 27, were withheld to avoid disclosing figures for individual companies.

Table 5.--QUANTITY OF LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	May 1978 (April 30 to May 27)	April 1978 (April 2 to April 29)	May 1977 (May 1 to May 28)
Consumption, total.....	Run. bales.....	82,036	79,651	83,743
Bleachers: Running bales.....	..do.....	60,376	58,320	62,364
Gross weight.....	M. lbs.....	38,510	37,110	39,113
Other consumers.....	Run. bales.....	21,660	21,331	21,379
Pacific and mountain states.....	..do.....	3,325	3,581	3,297
All other states.....	..do.....	18,335	17,750	18,082
Stocks, total (end of period).....	Run. bales.....	281,458	303,159	351,667
Bleachers: Running bales.....	..do.....	155,460	158,175	199,127
Gross weight.....	M. lbs.....	97,453	99,789	121,930
Other consumers.....	Run. bales.....	34,512	34,418	46,618
Pacific and mountain states.....	..do.....	4,410	4,619	5,433
All other states.....	..do.....	30,102	29,799	41,185
Public storage and compresses.....	..do.....	9,290	10,838	20,134
Pacific and mountain states.....	..do.....	9,290	10,838	20,134
All other states.....	..do.....			
Oil mills ( <sup>1</sup> ).....	..do.....	82,196	99,728	85,788

<sup>1</sup>Revised by 5 percent or more from previously published figures<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 6.--COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and state	Spindles in place	100 percent cotton	100 percent manmade fibers	Other fibers and blends
MAY 1978 (APRIL 30 TO MAY 27)				
United States, total.....	17,626	6,350	2,314	7,653
Cotton growing states.....	17,346	6,302	2,247	7,642
Alabama.....	1,697	839	121	667
Georgia.....	2,294	1,130	122	881
North Carolina.....	5,867	2,250	906	2,196
South Carolina.....	6,215	1,525	1,016	3,332
Tennessee.....	401	268	(D)	100
Texas.....	164	31	38	(D)
Virginia.....	527	131	(D)	(D)
Other states.....	181	128	(D)	49
New England.....	280	48	67	11
Rest of United States.....				
APRIL 1978 (APRIL 2 TO APRIL 29)				
United States, total.....	17,644	6,557	2,303	7,702
Cotton growing states.....	17,364	6,506	2,230	7,693
Alabama.....	1,686	823	122	662
Georgia.....	2,270	1,130	117	880
North Carolina.....	5,893	2,426	904	2,235
South Carolina.....	6,241	1,564	1,005	3,337
Tennessee.....	402	269	(D)	98
Texas.....	164	31	37	(D)
Virginia.....	527	136	(D)	(D)
Other states.....	181	127	(D)	50
New England.....	280	51	73	9
Rest of United States.....				

(D) Withheld to avoid disclosing figures for individual companies

† Revised by 5 percent or more from previously published figures

Table 7.--COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and state	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
MAY 1978 (APRIL 30 TO MAY 27)				
United States, total.....	8,216	3,346	1,058	3,812
Cotton growing states.....	8,181	3,336	1,036	3,809
Alabama.....	754	439	55	260
Georgia.....	1,010	531	47	432
North Carolina.....	2,773	1,247	412	1,064
South Carolina.....	3,041	807	482	1,752
Tennessee.....	228	144	(D)	(D)
Texas.....	67	8	(D)	(D)
Virginia.....	231	56	(D)	(D)
Other states.....	77	54	(D)	(D)
New England.....	35	10	22	3
Rest of United States.....				
APRIL 1978 (APRIL 2 TO APRIL 29)				
United States, total.....	8,254	3,367	1,072	3,815
Cotton growing states.....	8,217	3,356	1,048	3,813
Alabama.....	749	441	55	253
Georgia.....	1,002	525	54	423
North Carolina.....	2,836	1,325	424	1,087
South Carolina.....	3,003	741	473	1,739
Tennessee.....	226	145	(D)	(D)
Texas.....	71	9	(D)	(D)
Virginia.....	247	52	(D)	(D)
Other states.....	83	58	(D)	(D)
New England.....	37	11	24	2
Rest of United States.....				

(D) Withheld to avoid disclosing figures for individual companies.

† Revised by 5 percent or more from previously published figures

Table 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

Item	Unit of measure	All industries, total	Weaving mills (SIC 221, 222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
MAY 1978 (APRIL 30 TO MAY 27)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	484,495	344,045	112,005	28,445
Stocks <sup>2</sup> .....	Bales.....	1,096,807	783,175	245,366	68,266
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	157,588	98,040	35,332	24,216
Stocks.....	M. lbs.....	117,921	70,033	29,030	18,858
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	27,508	14,994	7,804	4,710
Stocks.....	M. lbs.....	24,749	11,874	8,095	4,780
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	130,080	83,046	27,528	19,506
Stocks.....	M. lbs.....	93,172	58,159	20,935	14,078
Spindle activity:					
Spindles in place.....	Thousands...	17,626	12,408	3,930	1,288
Spindles active.....	Thousands...	16,317	11,485	3,652	1,180
Hours operated.....	Millions....	8,216	5,629	1,901	680
APRIL 1978 (APRIL 2 TO APRIL 29)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	M. lbs.....	484,267	342,443	112,780	29,044
Stocks <sup>2</sup> .....	M. lbs.....	1,045,007	737,108	236,180	71,719
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	164,111	100,389	<sup>r</sup> 37,418	26,304
Stocks.....	M. lbs.....	117,707	69,118	<sup>r</sup> 29,609	18,980
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	28,445	14,819	<sup>r</sup> 7,710	5,916
Stocks.....	M. lbs.....	23,239	11,343	7,014	4,882
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	135,666	85,570	<sup>r</sup> 29,708	20,388
Stocks.....	M. lbs.....	94,468	57,775	<sup>r</sup> 22,595	14,098
Spindle activity:					
Spindles in place.....	Thousands...	17,644	12,455	3,936	1,288
Spindles active.....	Thousands...	16,562	11,642	3,738	1,182
Hours operated.....	Millions....	8,254	5,655	1,988	611

Note: SIC is the abbreviation for Standard Industrial Classification.  
published figures.

<sup>r</sup>Revised by 5 percent or more from previously

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9.--EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for lintners and staple)

Country to which exported	April 1978	March 1978	Cotton season 9 months through April 1978
COTTON			
Total.....	640,022	703,707	3,725,068
Canada.....	19,843	21,338	165,223
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	32,757	13,913	157,118
Republic of Philippines.....	11,090	8,405	59,337
Republic of Korea.....	144,578	152,515	872,679
China-Taiwan.....	95,379	46,807	322,013
Japan.....	122,497	113,774	744,491
Other countries.....	213,878	346,955	1,404,207
LINTERS			
Total.....	14,037	18,658	113,012
Canada.....	1,882	2,717	22,061
Mexico.....	8,126	5,675	14,361
United Kingdom.....	487	45	1,313
Federal Republic of Germany.....	166	4,429	35,706
Japan.....	2,810	4,621	31,231
Other countries.....	566	1,171	8,340
MANMADE FIBER STAPLE AND TOW			
Total.....	42,182	37,126	280,384
Canada.....	4,908	7,017	43,129
Brazil.....	259	770	4,293
United Kingdom.....	1,172	308	4,164
Netherlands.....	667	39	3,094
Belgium.....	1,814	4,402	17,772
Federal Republic of Germany.....	182	229	3,081
Switzerland.....	281	213	2,164
U.S.S.R.....	1,213	1,346	5,074
Hong Kong.....	1,328	1,633	10,591
Japan.....	107	111	953
Australia.....	1,692	2,292	10,674
Other countries.....	28,499	18,766	175,395

Note: Includes Schedules B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; lintners, numbers 3003011 and 3003021; and 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10.--IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	April 1978	March 1978	Cotton season 9 months through April 1978
<b>COTTON<sup>1</sup></b>			
Total.....	-	223	3,424
Mexico.....	-	-	-
Peru.....	-	-	1,666
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	223	747
Sudan.....	-	-	993
Other countries.....	-	-	18
<b>LINTERS<sup>1</sup></b>			
Total.....	4,559	2,979	28,052
Mexico.....	4,149	1,964	20,621
Brazil.....	410	-	926
Other countries.....	-	1,015	6,505
<b>MANMADE FIBER STAPLE AND TOW<sup>1</sup></b>			
Total.....	6,686	7,567	53,528
Canada.....	498	197	4,019
United Kingdom.....	494	531	2,093
France.....	415	309	2,880
Federal Republic of Germany.....	1,557	2,359	7,372
Austria.....	955	1,185	12,780
Switzerland.....	-	-	-
Italy.....	382	193	2,612
Japan.....	452	744	5,615
Other countries.....	1,933	2,049	16,157

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Detail may not add to totals due to independent rounding.

Table 11.--WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	84.6	81.5	85.3
Stock, August 1.....	20.7	23.3	31.0
Production.....	63.9	58.2	54.3
Distribution.....	84.3	82.3	85.1
Consumption.....	61.0	61.6	61.8
Stocks, July 31.....	23.3	20.7	23.3
Difference <sup>1</sup> .....	-0.3	+0.8	-0.2

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10-percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar shown below.

**REPORTING CALENDAR  
1978**

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

#### CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order micro-film of Census publications	Theresa Allen	(301) 763-5042





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# Consumption on the Cotton System

JUNE 1978

M22P(78)-11  
Issued August 1978



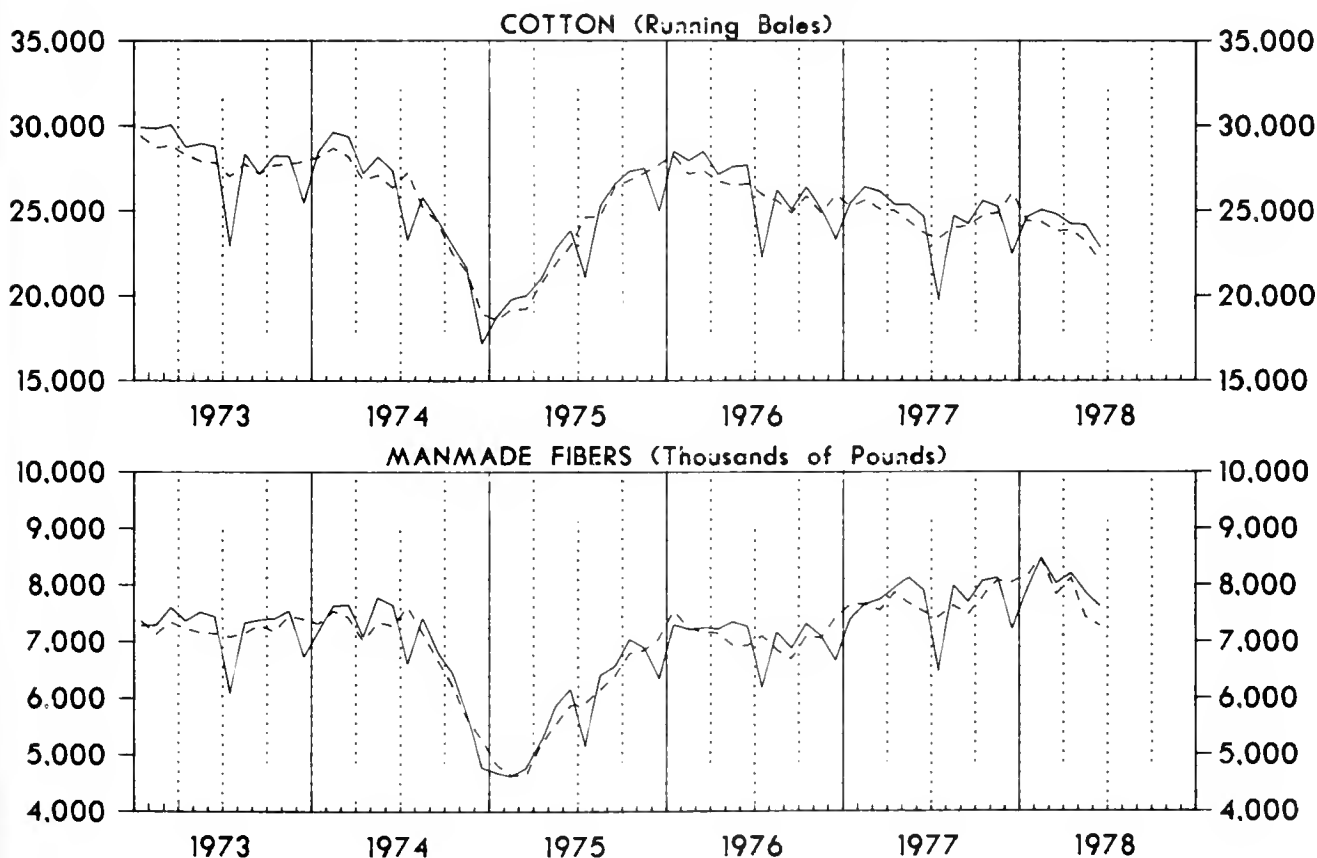
U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 11. An annual current industrial report is published in this series. The annual report includes all the months for the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Alvinia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

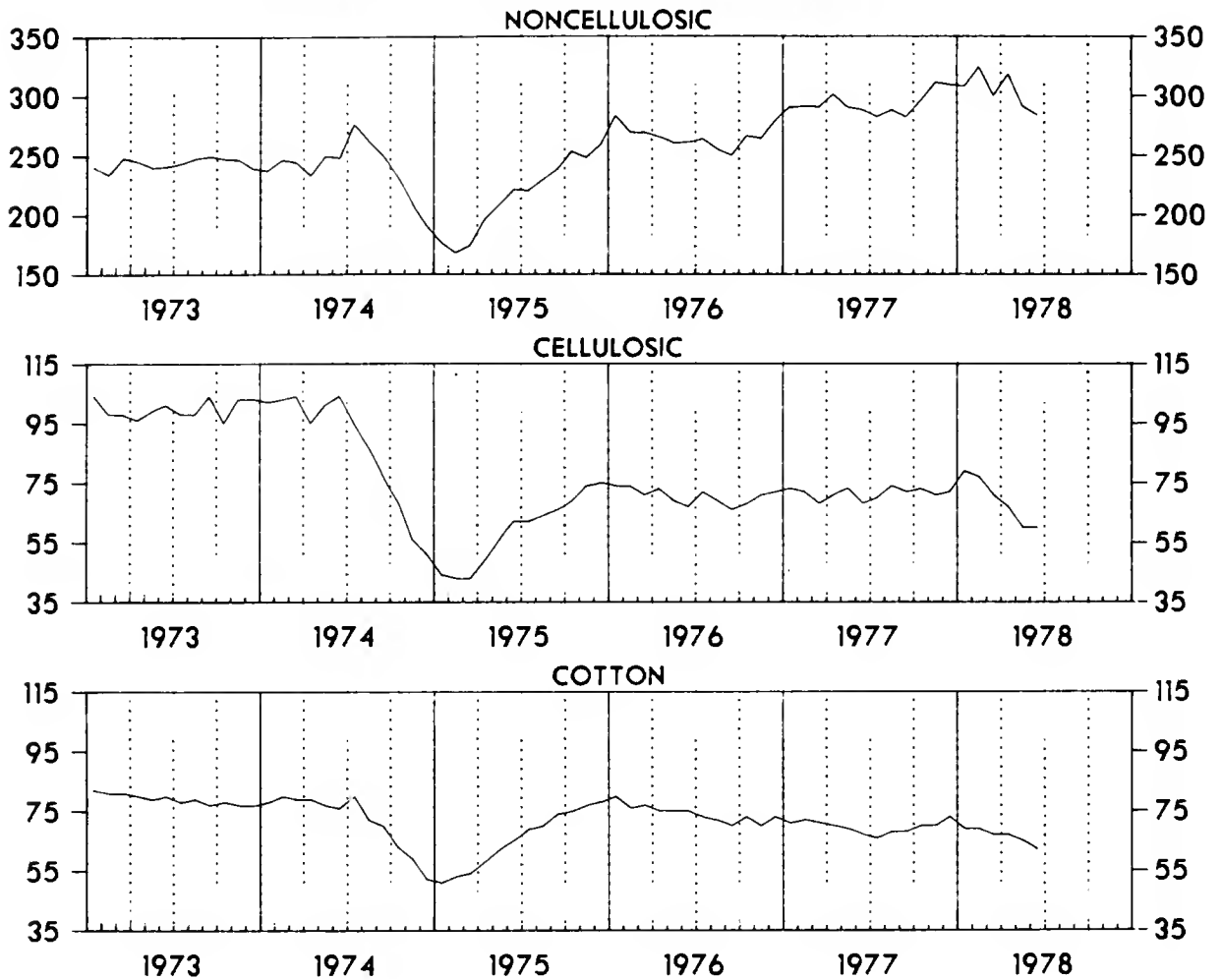


Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 (running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
June (5 weeks).....	21,957	21,711	246	7,271	1,278	5,993	7,550	114,465	382
May (4 weeks).....	23,211	22,959	252	7,431	1,284	6,147	7,354	122,368	391
April (4 weeks).....	23,869	23,592	277	8,122	1,419	6,703	7,209	122,739	405
March (5 weeks).....	23,803	23,532	271	7,829	1,505	6,324	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	26,044	25,815	229	8,046	1,534	6,512	7,251	115,709	415
November (4 weeks).....	24,887	24,659	228	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	24,701	24,445	256	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	23,879	254	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	23,742	249	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	23,110	267	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,090	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	311	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394
June (5 weeks).....	26,598	26,253	345	6,924	1,418	5,506	5,643	139,494	405

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, July 26, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber stable, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
June (5 weeks).....	22,839	22,579	260	7,625	1,392	6,233	5,519	113,435	400
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344
June (5 weeks).....	27,668	27,303	365	7,270	1,544	5,726	4,125	138,239	422

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
June (5 weeks).....	62	60	284
May (4 weeks).....	65	60	291
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282
June (5 weeks).....	67	68	288

Table 2. TOTAL CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, state, and type of material	June 1978 (May 28 to July 1)		May 1978 (April 30 to May 27)		June 1977 (May 29 to July 2)	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total <sup>1</sup> .....	570,971	286,003	483,460	242,055	615,874	305,300
By area and state:						
Cotton growing states.....	568,235	284,627	481,281	240,956	612,613	303,667
Alabama.....	76,480	38,216	64,931	32,584	80,116	40,285
Georgia.....	100,583	50,466	85,749	43,036	110,185	54,674
North Carolina.....	192,271	96,233	164,485	82,036	216,295	106,731
South Carolina.....	153,739	76,933	128,062	64,259	158,168	78,319
Tennessee.....	11,695	5,805	9,762	4,817	11,429	5,488
Texas.....	5,774	2,918	5,086	2,556	5,926	3,022
Virginia.....	17,128	8,708	14,719	7,360	20,230	10,039
Other states.....	10,565	5,348	8,487	4,308	10,264	5,109
New England.....	2,398	1,204	1,853	931	3,134	1,586
Rest of United States.....	338	172	326	168	127	47
By type of cotton:						
American upland, total.....	564,471	282,754	478,008	239,318	609,209	301,998
Staple less than 1 inch in length.....	37,380	18,463	31,270	15,636	47,358	23,748
1 inch and 1-1/32 inch staples.....	141,115	70,882	123,098	61,713	162,530	80,314
1-1/16 inch and 1-3/32 inch staples.....	334,774	167,745	284,032	142,196	347,387	172,604
Staples longer than 1-3/32 inch.....	35,647	17,901	26,857	13,474	35,838	17,799
Staples not specified by kind.....	15,555	7,763	12,751	6,299	16,096	7,533
American-Pima, Sea Island, and other domestic cotton.....	6,236	3,096	4,895	2,441	4,516	2,250
Foreign cotton, total.....	264	153	557	296	2,149	1,052
Staple length 1-1/8 inch or more.....	264	153	557	296	1,900	926
Staple length under 1-1/8 inch.....					249	126
Manmade fiber staple <sup>1 2</sup> .....	(X)	190,627	(X)	157,327	(X)	197,457
Rayon and acetate.....	(X)	34,797	(X)	27,635	(X)	39,582
Nylon.....	(X)	12,306	(X)	9,281	(X)	9,066
Acrylic and modacrylic.....	(X)	19,185	(X)	15,130	(X)	19,527
Polyester.....	(X)	123,149	(X)	104,282	(X)	128,290
Other manmade fiber.....	(X)	1,190	(X)	999	(X)	992

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for June 1978; 20 for May 1978; and 25 for June 1977.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for June 1978; 28,733 for May 1978 and 32,253 for June 1977.

Table 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

Area, state, and type of material	July 1, 1978		May 27, 1978		July 2, 1977	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton, total.....	1,116,582	558,665	1,095,239	547,398	1,101,430	549,177
By area and state:						
Cotton growing states.....	1,112,543	556,604	1,090,652	545,065	1,094,983	545,930
Alabama.....	148,907	74,752	146,775	73,535	161,560	80,173
California.....						
Georgia.....	145,423	72,994	137,827	69,221	159,103	79,963
North Carolina.....	371,844	185,586	362,696	181,163	291,392	145,025
South Carolina.....	382,280	191,300	377,018	188,250	407,670	203,756
Tennessee.....	31,122	15,406	32,168	15,764	43,358	21,119
Texas.....	9,885	4,978	9,763	4,908	9,021	4,527
Virginia.....	15,000	7,516	16,715	8,342	17,240	8,555
Other states.....	8,082	4,072	7,690	3,882	5,639	2,812
New England.....	3,628	1,850	<sup>r</sup> 4,171	<sup>r</sup> 2,119	5,911	2,954
Rest of United States.....	411	211	416	214	536	293
By type of cotton:						
American upland.....	1,102,073	551,410	1,080,087	539,831	1,079,542	538,114
American-Pima, Sea Island, and other domestic cotton.....	13,224	6,549	<sup>r</sup> 13,955	<sup>r</sup> 6,895	13,705	7,106
Foreign cotton, total.....	1,285	706	1,197	672	8,183	3,957
Staple length 1-1/8 inch or more.....	1,285	706	1,197	672	7,046	3,420
Staple length under 1-1/8 inch.....					1,137	537
Manmade fiber staple <sup>1</sup> .....	(X)	113,435	(X)	116,861	(X)	144,997
Rayon and acetate.....	(X)	22,870	(X)	22,960	(X)	30,141
Nylon.....	(X)	6,566	(X)	7,087	(X)	6,809
Acrylic and modacrylic.....	(X)	10,698	(X)	11,533	(X)	12,352
Polyester.....	(X)	72,467	(X)	74,336	(X)	94,996
Other manmade fiber.....	(X)	834	(X)	945	(X)	699

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton: Running bales, except that imports are in 500 lbs. equivalent gross bales)

Area, state, and type of material	July 1, 1978	May 27, 1978	July 2, 1977
Domestic and foreign cotton, total.....	4,402,823	5,317,569	2,268,765
By area and state:			
Cotton-growing states.....	4,402,724	5,317,455	2,268,683
Alabama.....	160,919	191,834	152,388
Arizona.....	245,734	323,544	190,134
Arkansas.....	208,762	267,815	88,308
California.....	553,166	741,233	418,393
Georgia.....	146,345	152,571	147,097
Louisiana.....	156,392	211,270	72,460
Mississippi.....	406,588	495,149	139,465
Missouri.....	75,318	93,773	21,605
New Mexico.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
North Carolina.....	138,872	146,235	101,721
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....	240,637	230,381	192,289
Tennessee.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Texas.....	1,748,527	2,108,802	552,713
Virginia.....	-	-	-
Other states.....	321,464	354,848	192,110
New England.....	99	114	82
Rest of United States.....			
By type of cotton:			
American upland.....	4,338,928	5,247,112	2,235,519
American-Pima, Sea Island and other domestic cotton....	60,162	65,974	28,202
Foreign cotton, total ( <sup>2</sup> ).....	3,733	4,483	5,044
Staple length 1-1/8 inch or more.....	(D)	(D)	1,816
Staple length under 1-1/8 inch.....	(D)	(D)	3,228

- Represent zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in "other states".<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on July 1, were withheld to avoid disclosing figures for individual companies.

Table 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	June 1978 (May 28 to July 1)	May 1978 (April 30 to May 27)	June 1977 (May 29 to July 2)
Consumption, total.....	Run. bales.....	96,029	82,053	98,457
Bleachers: Running bales.....	..do.....	71,337	60,376	72,677
Gross weight.....	M. lbs.....	44,307	38,510	45,464
Other consumers.....	Run. bales.....	24,692	21,677	25,780
Pacific and mountain states.....	..do.....	4,145	3,304	4,255
All other states.....	..do.....	20,547	18,373	21,525
Stocks, total (end of period).....	Run. bales.....	268,881	279,311	305,010
Bleachers: Running bales.....	..do.....	153,103	155,460	179,128
Gross weight.....	M. lbs.....	95,528	97,453	110,549
Other consumers.....	Run. bales.....	33,068	32,745	44,814
Pacific and mountain states.....	..do.....	4,222	4,335	5,235
All other states.....	..do.....	28,846	28,410	39,579
Public storage and compresses.....	..do.....	5,805	9,290	17,069
Pacific and mountain states.....	..do.....	5,805	9,290	17,069
All other states.....	..do.....			
Oil mills ( <sup>1</sup> ).....	..do.....	76,905	81,816	83,999

<sup>1</sup>Revised by 5 percent or more from previously published figures<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and state	Spindles in place	100 percent cotton	100 percent manmade fibers	Other fibers and blends
JUNE 1978 (MAY 28 TO JULY 1)				
United States, total.....	17,504	6,340	2,266	7,731
Cotton growing states.....	17,224	6,300	2,199	7,711
Alabama.....	1,696	840	126	666
Georgia.....	2,158	999	101	885
North Carolina.....	5,850	2,383	887	2,217
South Carolina.....	6,249	1,519	1,015	3,355
Tennessee.....	402	270	(D)	96
Texas.....	161	31	27	(D)
Virginia.....	527	131	(D)	(D)
Other states.....	181	127	(D)	52
New England.....	280	40	67	20
Rest of United States.....				
MAY 1978 (APRIL 30 TO MAY 27)				
United States, total.....	17,561	6,378	2,286	7,756
Cotton growing states.....	17,281	6,330	2,219	7,745
Alabama.....	1,696	838	120	668
Georgia.....	2,195	1,002	133	947
North Carolina.....	5,883	2,426	879	2,208
South Carolina.....	6,234	1,505	1,012	3,352
Tennessee.....	401	269	(D)	99
Texas.....	164	31	32	(D)
Virginia.....	527	131	(D)	(D)
Other states.....	181	128	(D)	49
New England.....	280	48	67	11
Rest of United States.....				

(D) Withheld to avoid disclosing figures for individual companies.

Table 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and state	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
JUNE 1978 (MAY 28 TO JULY 1)				
United States, total.....	10,009	4,063	1,339	4,607
Cotton growing states.....	9,962	4,050	1,309	4,603
Alabama.....	928	508	79	341
Georgia.....	1,130	578	61	491
North Carolina.....	3,424	1,597	522	1,305
South Carolina.....	3,740	1,047	601	2,092
Tennessee.....	250	166	(D)	(D)
Texas.....	89	11	(D)	(D)
Virginia.....	299	72	(D)	(D)
Other states.....	102	71	(D)	(D)
New England.....	47	13	30	4
Rest of United States.....				
MAY 1978 (APRIL 30 TO MAY 27)				
United States, total.....	8,161	3,333	1,043	3,785
Cotton growing states.....	8,125	3,323	1,020	3,782
Alabama.....	737	423	55	259
Georgia.....	926	476	50	400
North Carolina.....	2,769	1,301	400	1,068
South Carolina.....	3,096	869	478	1,749
Tennessee.....	218	136	(D)	(D)
Texas.....	68	8	(D)	(D)
Virginia.....	234	56	(D)	(D)
Other states.....	77	54	(D)	(D)
New England.....	36	10	23	3
Rest of United States.....				

(D) Withheld to avoid disclosing figures for individual companies.

Table 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

Item	Unit of measure	All industries, total	Weaving mills (SIC 221, 222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
JUNE 1978 (MAY 28 TO JULY 1)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	570,971	401,334	135,594	34,043
Stocks <sup>2</sup> .....	Bales.....	1,116,582	812,825	242,087	61,670
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	190,627	118,453	42,863	29,311
Stocks.....	M. lbs.....	113,435	65,689	27,982	19,764
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	34,797	18,994	9,452	6,351
Stocks.....	M. lbs.....	22,870	11,422	6,614	4,834
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	155,830	99,459	33,411	22,960
Stocks.....	M. lbs.....	90,565	54,267	21,368	14,930
Spindle activity:					
Spindles in place.....	Thousands....	17,504	12,300	3,915	1,289
Spindles active.....	Thousands....	16,337	11,469	3,678	1,190
Hours operated.....	Millions.....	10,009	7,013	2,356	734
MAY 1978 (APRIL 30 TO MAY 27)					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	M. lbs.....	483,460	343,410	111,787	28,263
Stocks <sup>2</sup> .....	M. lbs.....	1,095,239	782,262	245,198	67,779
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	157,327	97,961	35,409	23,957
Stocks.....	M. lbs.....	116,861	70,103	28,020	18,738
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	27,635	15,082	7,786	4,767
Stocks.....	M. lbs.....	22,960	11,381	6,855	4,724
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	129,692	82,879	27,623	19,190
Stocks.....	M. lbs.....	93,901	58,722	21,165	14,014
Spindle activity:					
Spindles in place.....	Thousands....	17,561	12,322	3,950	1,289
Spindles active.....	Thousands....	16,420	11,496	3,748	1,176
Hours operated.....	Millions.....	8,161	5,693	1,889	579

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for June and 20 for May 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.



Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	May 1978	April 1978	Cotton season 10 months through May 1978
COTTON			
Total.....	510,468	640,022	4,235,536
Canada.....	24,378	19,843	189,601
India.....	94	-	94
South Vietnam.....	-	-	-
Indonesia.....	18,084	32,757	175,202
Republic of Philippines.....	7,165	11,090	66,502
Republic of Korea.....	109,026	144,578	981,705
China-Taiwan.....	76,573	95,379	398,586
Japan.....	97,656	122,497	842,147
Other countries.....	177,492	213,878	1,581,699
LINTERS			
Total.....	12,898	14,037	125,910
Canada.....	1,733	1,882	23,794
Mexico.....	2,777	8,126	17,138
United Kingdom.....	197	487	1,510
Federal Republic of Germany.....	2,834	166	38,540
Japan.....	4,331	2,810	35,562
Other countries.....	1,026	566	9,366
MANMADE FIBER STAPLE AND TOW			
Total.....	47,826	42,182	328,210
Canada.....	6,478	4,908	49,607
Brazil.....	89	259	4,382
United Kingdom.....	730	1,172	4,894
Netherlands.....	166	667	3,260
Belgium.....	3,607	1,814	21,379
Federal Republic of Germany.....	288	182	3,369
Switzerland.....	360	281	2,524
U.S.S.R.....	865	1,213	5,939
Hong Kong.....	1,498	1,328	12,089
Japan.....	432	167	1,385
Australia.....	2,071	1,692	12,745
Other countries.....	31,242	28,499	206,637

Note: Includes Schedules B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	May 1978	April 1978	Cotton season 10 months through May 1978
<b>COTTON</b>			
Total.....	475	-	3,899
Mexico.....	-	-	-
Peru.....	-	-	1,666
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	373	-	1,120
Sudan.....	-	-	993
Other countries.....	102	-	120
<b>LINTERS</b>			
Total.....	7,113	4,559	35,165
Mexico.....	3,811	4,149	24,432
Brazil.....	-	410	926
Other countries.....	3,302	-	9,807
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	4,760	6,686	58,288
Canada.....	567	498	4,586
United Kingdom.....	146	494	2,239
France.....	108	415	2,988
Federal Republic of Germany.....	635	1,557	8,007
Austria.....	1,351	955	14,131
Switzerland.....	-	-	-
Italy.....	330	382	2,942
Japan.....	584	452	6,199
Other countries.....	1,039	1,933	17,196

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	84.7	81.7	85.3
Stock, August 1.....	20.5	23.4	31.0
Production.....	64.2	58.3	54.3
Distribution.....	84.8	82.2	85.2
Consumption.....	60.9	61.7	61.8
Stocks, July 31.....	23.9	20.5	23.4
Difference <sup>1</sup> .....	+0.1	+0.5	-0.2

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The Aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar shown below.

REPORTING CALENDAR  
1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual current industrial report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

#### CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Juanita Noone	(301) 763-5140
To order a Census publication	Daisy Williams	(301) 763-7472
To order micro-film of Census publications	Dorothy Dunham	(301) 763-5042



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# Consumption on the Cotton System

JULY 1978

M22P(78)-12

Issued September 1978

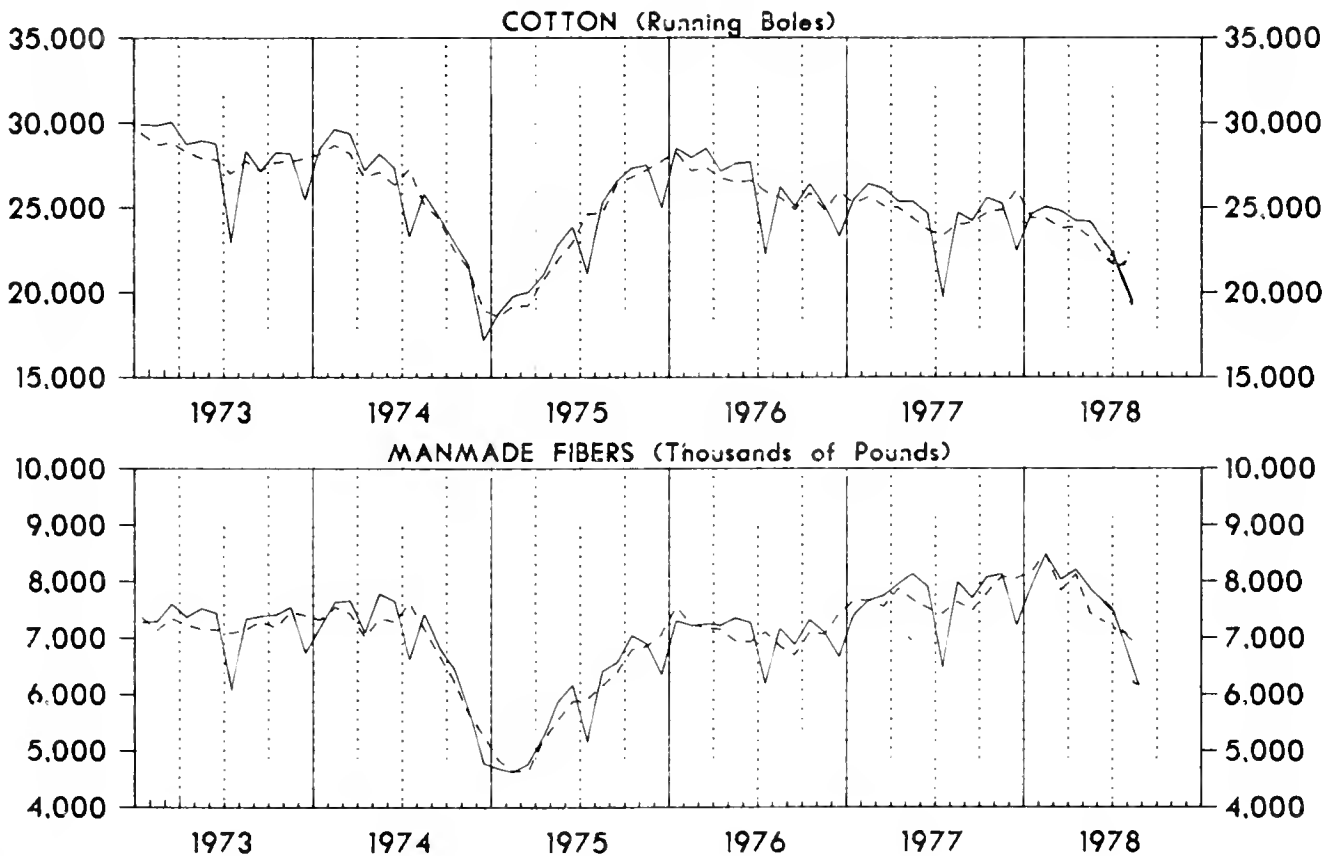


U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 13. An annual Current Industrial Report is published in this series. The annual report includes all the months of the current and previous years and incorporates all known revisions in the series.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

For sale by the Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price 30 cents per copy, \$3.90 per year.

INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

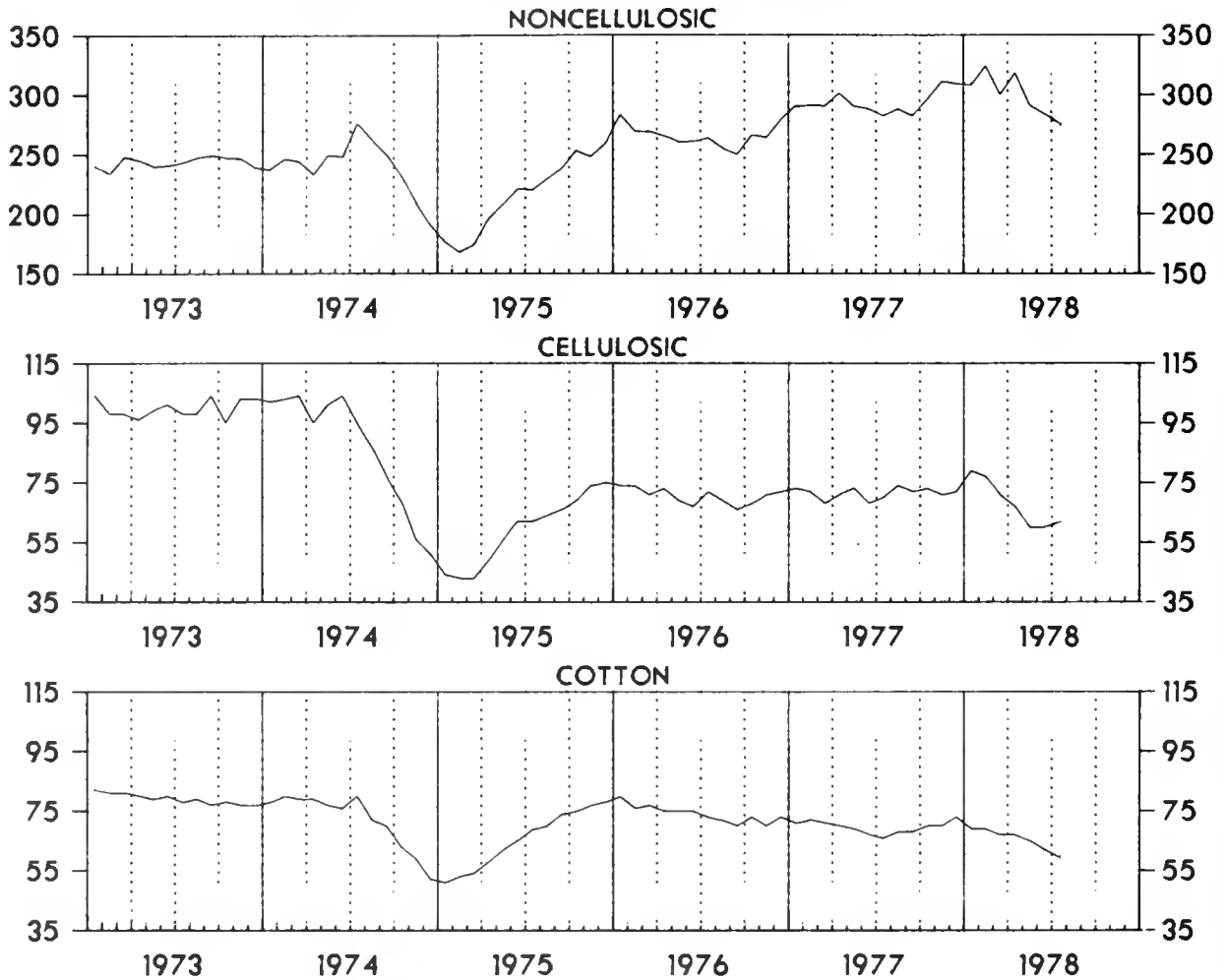


Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total 1,000 running bales)	Manmade fiber staple, total 1,000 pounds)	
	Total running bales)	Upland <sup>2</sup> running bales)	Long staple <sup>3</sup> running bales)	Total 1,000 pounds	Cellulosic 1,000 pounds)	Noncellulosic 1,000 pounds)			
1978									
July (4 weeks).....	22,264	22,075	189	7,087	1,297	5,790	8,062	105,514	370
June (5 weeks).....	22,096	21,852	244	7,374	1,274	6,100	7,551	111,748	386
May (4 weeks).....	23,211	22,959	252	7,431	1,284	6,147	7,354	122,368	391
April (4 weeks).....	23,869	23,592	277	8,122	1,419	6,703	7,209	122,739	405
March (5 weeks).....	23,803	23,532	271	7,829	1,505	6,324	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	26,044	25,815	229	8,046	1,534	6,512	7,251	115,709	415
November (4 weeks).....	24,887	24,659	228	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	24,701	24,445	256	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	23,879	254	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	23,742	249	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	23,110	267	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	317	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397
July (4 weeks).....	25,950	25,594	356	7,102	1,526	5,576	5,655	133,317	394

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, August 22, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1H. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 (running bales)	Manmade fiber stable, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
July (4 weeks).....	19,075	18,918	157	6,186	1,097	5,089	4,910	110,368	323
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410
July (4 weeks).....	22,230	21,934	296	6,192	1,291	4,901	3,444	139,450	344

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
July (4 weeks).....	63	61	275
June (5 weeks).....	62	60	289
May (4 weeks).....	65	60	291
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288
July (4 weeks).....	66	70	282



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	JULY 1978 (JULY 2 TO JULY 29)		JUNE 1978 (MAY 28 TO JULY 1)		JULY 1977 (JULY 3 TO JULY 30)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	382,284	191,753	574,618	288,004	194,544	195,649
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	380,781	190,498	571,831	286,602	193,049	194,933
ALABAMA . . . . .	49,496	24,877	79,254	39,681	52,948	26,260
GEORGIA . . . . .	69,534	35,034	101,472	50,767	69,289	34,366
NORTH CAROLINA . . . . .	132,005	66,064	142,648	96,422	138,367	68,623
SOUTH CAROLINA . . . . .	100,569	50,502	153,111	76,916	102,216	50,644
TENNESSEE . . . . .	7,293	3,591	12,051	5,945	7,337	3,639
TEXAS . . . . .	4,121	2,072	5,610	2,833	4,793	2,377
VIRGINIA . . . . .	11,463	5,666	17,046	8,655	12,283	6,093
OTHER STATES . . . . .	6,300	3,189	10,639	5,383	5,814	2,883
NEW ENGLAND . . . . .	1,205	603	2,449	1,230	1,486	777
REST OF UNITED STATES . . . . .	298	152	338	172	59	29
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	378,363	189,775	568,158	284,774	190,155	193,517
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	23,576	11,724	36,968	18,409	30,142	14,951
1 INCH AND 1-1/32 INCH STAPLES . . . . .	98,639	49,572	141,609	70,930	100,489	49,843
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	224,520	112,410	338,573	169,735	230,438	114,297
STAPLES LONGER THAN 1-3/32 INCH . . . . .	21,836	11,002	35,201	17,697	21,456	10,642
STAPLES NOT SPECIFIED BY KIND . . . . .	9,790	5,067	15,807	8,008	7,629	3,784
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	3,769	1,887	6,106	3,072	2,224	1,399
FOREIGN COTTON, TOTAL . . . . .	152	91	264	153	1,215	583
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	152	91	264	153	1,215	583
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	123,725	(X)	193,280	(X)	129,536
RAYON AND ACETATE . . . . .	(X)	21,942	(X)	34,681	(X)	5,107
NYLON . . . . .	(X)	7,284	(X)	11,675	(X)	7,341
ACRYLIC AND MODACRYLIC . . . . .	(X)	12,462	(X)	19,017	(X)	12,589
POLYESTER . . . . .	(X)	81,222	(X)	126,779	(X)	83,879
OTHER MANMADE FIBER . . . . .	(X)	813	(X)	1,128	(X)	620

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for July 1978; 25 for June 1978; and 20 for July 1977.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for July 1978; 35,567 for June 1978, and 19,453 for July 1977.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	JULY 29, 1978		JULY 1, 1978		JULY 30, 1977	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,113,439	556,667	1,106,206	553,099	1,041,018	516,229
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	1,109,562	554,690	1,102,289	551,109	1,034,000	512,749
ALABAMA . . . . .	149,826	75,175	149,081	74,791	161,298	79,986
CALIFORNIA . . . . .	145,616	73,611	144,531	72,647	160,667	79,673
GEORGIA . . . . .	379,649	188,789	369,944	184,324	261,688	129,768
NORTH CAROLINA . . . . .	375,014	187,631	378,959	189,730	379,303	188,092
SOUTH CAROLINA . . . . .	26,625	13,017	26,816	13,095	36,942	18,319
TENNESSEE . . . . .	10,538	5,295	9,996	5,031	7,756	3,846
TEXAS . . . . .	13,654	6,824	14,839	7,397	19,053	9,448
VIRGINIA . . . . .	8,640	4,348	8,123	4,094	7,293	3,617
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	3,459	1,766	3,509	1,784	6,465	3,206
REST OF UNITED STATES . . . . .	418	211	408	206	553	274
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,098,804	549,407	1,092,167	546,091	1,020,569	506,202
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	13,508	6,640	12,754	6,302	13,236	6,565
FOREIGN COTTON, TOTAL . . . . .	1,127	620	1,285	706	7,213	3,462
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	1,127	620	1,285	706	7,213	3,462
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .						
MANMADE FIBER STAPLE (1) . . . . .	(X)	110,368	(X)	110,742	(X)	144,069
RAYON AND ACETATE . . . . .	(X)	24,943	(X)	22,902	(X)	31,139
NYLON . . . . .	(X)	6,745	(X)	6,394	(X)	6,813
ACRYLIC AND MODACRYLIC . . . . .	(X)	10,203	(X)	10,509	(X)	12,596
POLYESTER . . . . .	(X)	67,704	(X)	70,202	(X)	93,031
OTHER MANMADE FIBER . . . . .	(X)	773	(X)	773	(X)	490

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	JULY 29, 1978	JULY 1, 1978	JULY 30, 1977
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	3,796,992	4,414,290	1,790,752
BY AREA AND STATE:			
COTTON-GROWING STATES . . . . .	3,796,903	4,414,191	1,790,680
ALABAMA . . . . .	141,469	162,421	122,043
ARIZONA . . . . .	187,743	245,734	127,988
ARKANSAS . . . . .	166,610	207,396	62,005
CALIFORNIA . . . . .	419,215	553,166	299,317
GEORGIA . . . . .	147,227	148,398	136,267
LOUISIANA . . . . .	113,414	155,334	45,362
MISSISSIPPI . . . . .	330,068	405,775	104,378
MISSOURI . . . . .	61,538	75,318	11,859
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	134,145	138,872	83,285
OKLAHOMA . . . . .	1	(1)	(1)
SOUTH CAROLINA . . . . .	237,324	240,615	166,084
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	1,557,181	1,759,924	481,110
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	300,969	321,238	150,982
NEW ENGLAND . . . . .	89	99	72
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	3,744,299	4,350,394	1,760,785
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	49,137	60,163	25,749
FOREIGN COTTON, TOTAL (2) . . . . .	3,556	3,733	4,218
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in "other states."

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on July 29, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JULY 1978 (JULY 2 TO JULY 29)	JUNE 1978 (MAY 28 TO JULY 1)	JULY 1977 (JULY 3 TO JULY 30)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	49,263	96,204	71,689
BLEACHERS:- RUNNING BALES . . . . .	DO	32,231	71,433	55,119
GROSS WEIGHT . . . . .	M. LBS.	19,657	44,283	33,734
OTHER CONSUMERS . . . . .	RUN. BALES	17,032	24,771	16,570
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,776	4,149	3,097
ALL OTHER STATES . . . . .	DO	14,256	20,622	13,473
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	278,411	269,783	277,951
BLEACHERS:- RUNNING BALES . . . . .	DO	169,674	153,103	159,751
GROSS WEIGHT . . . . .	M. LBS.	106,687	95,492	98,609
OTHER CONSUMERS . . . . .	RUN. BALES	34,005	34,343	42,089
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,222	4,300	5,166
ALL OTHER STATES . . . . .	DO	29,783	30,043	36,923
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	6,247	5,804	17,301
PACIFIC AND MOUNTAIN STATES . . . . .	DO	6,247	5,804	17,301
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	68,485	76,533	58,810

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JULY 1978 (JULY 2 TO JULY 29)				
UNITED STATES, TOTAL . . . . .	17,552	6,364	2,247	7,709
COTTON GROWING STATES . . . . .	17,272	6,326	2,181	7,686
ALABAMA . . . . .	1,695	850	123	657
GEORGIA . . . . .	2,153	1,007	114	862
NORTH CAROLINA . . . . .	5,854	2,381	874	2,222
SOUTH CAROLINA . . . . .	6,267	1,524	1,002	3,341
TENNESSEE . . . . .	412	277	(D)	103
TEXAS . . . . .	163	31	24	(D)
VIRGINIA . . . . .	527	131	(D)	(D)
OTHER STATES . . . . .	181	125	-	54
NEW ENGLAND . . . . .	287	38	66	23
REST OF UNITED STATES . . . . .				
JUNE 1978 (MAY 28 TO JULY 1)				
UNITED STATES, TOTAL . . . . .	17,598	6,336	2,271	7,747
COTTON GROWING STATES . . . . .	17,318	6,298	2,204	7,727
ALABAMA . . . . .	1,696	839	127	668
GEORGIA . . . . .	2,192	993	100	884
NORTH CAROLINA . . . . .	5,837	2,370	843	2,213
SOUTH CAROLINA . . . . .	6,311	1,519	1,013	3,366
TENNESSEE . . . . .	413	278	(D)	100
TEXAS . . . . .	161	31	27	(D)
VIRGINIA . . . . .	527	131	(D)	(D)
OTHER STATES . . . . .	181	127	(D)	52
NEW ENGLAND . . . . .	290	40	67	20
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JULY 1978 (JULY 2 TO JULY 29)				
UNITED STATES, TOTAL . . . . .	6 450	2 628	867	2 455
COTTON GROWING STATES . . . . .	6 428	2 622	853	2 453
ALABAMA . . . . .	620	364	48	208
GEORGIA . . . . .	714	361	45	308
NORTH CAROLINA . . . . .	2 183	1 019	332	832
SOUTH CAROLINA . . . . .	2 416	664	473	1 344
TENNESSEE . . . . .	180	105	(D)	(D)
TEXAS . . . . .	57	11	(D)	(D)
VIRGINIA . . . . .	183	44	(D)	(D)
OTHER STATES . . . . .	75	52	-	23
NEW ENGLAND . . . . .	22	5	14	2
REST OF UNITED STATES . . . . .				
JUNE 1978 (MAY 28 TO JULY 1)				
UNITED STATES, TOTAL . . . . .	10 388	4 447	1 322	4 619
COTTON GROWING STATES . . . . .	9 441	4 084	1 293	4 615
ALABAMA . . . . .	946	526	78	342
GEORGIA . . . . .	1 124	574	62	493
NORTH CAROLINA . . . . .	3 435	1 602	512	1 321
SOUTH CAROLINA . . . . .	3 745	1 456	598	2 041
TENNESSEE . . . . .	259	172	(D)	(D)
TEXAS . . . . .	89	11	(D)	(D)
VIRGINIA . . . . .	242	72	(D)	(D)
OTHER STATES . . . . .	102	71	(D)	(D)
NEW ENGLAND . . . . .	46	13	24	4
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Withheld to avoid disclosing figures for individual companies

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JULY 1978 (JULY 2 TO JULY 29)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	382,284	267,868	89,724	24,692
STOCKS (2). . . . .	BALES	1,113,439	797,857	251,512	64,070
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	123,725	80,679	26,938	16,108
STOCKS. . . . .	M LBS	110,368	62,739	27,139	20,490
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	21,942	11,976	5,857	4,109
STOCKS . . . . .	M LBS	24,943	11,732	7,557	5,654
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	101,783	68,703	21,081	11,999
STOCKS . . . . .	M LBS	85,425	51,007	19,582	14,836
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,552	12,335	3,909	1,308
ACTIVE SPINDLE. . . . .	THOUSANDS	16,320	11,430	3,678	1,212
HOURS OPERATED. . . . .	MILLIONS	6,450	4,444	1,516	490
JUNE 1978 (MAY 28 TO JULY 1)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	574,618	403,541	135,666	35,411
STOCKS (2). . . . .	BALES	1,106,206	803,874	240,490	61,842
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	193,280	119,889	43,328	30,063
STOCKS. . . . .	M LBS	110,742	63,311	27,853	19,578
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	34,681	19,038	9,377	6,266
STOCKS . . . . .	M LBS	22,902	11,298	6,737	4,867
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	158,599	100,851	33,951	23,797
STOCKS . . . . .	M LBS	87,840	52,013	21,116	14,711
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,598	12,398	3,899	1,301
ACTIVE SPINDLE. . . . .	THOUSANDS	16,356	11,463	3,674	1,219
HOURS OPERATED. . . . .	MILLIONS	10,038	6,951	2,333	754

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for July and 25 for June 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	June 1978	May 1978	Cotton season 11 months through June 1978
<b>COTTON</b>			
Total.....	527,867	510,468	4,763,403
Canada.....	19,437	24,378	209,038
India.....	-	94	94
South Vietnam.....	-	-	-
Indonesia.....	14,939	18,084	190,141
Republic of Philippines.....	13,393	7,165	79,895
Republic of Korea.....	108,015	109,026	1,089,720
China-Taiwan.....	46,719	76,573	445,305
Japan.....	106,907	97,656	949,054
Other countries.....	218,457	177,492	1,800,156
<b>LINTERS</b>			
Total.....	14,859	12,898	140,769
Canada.....	1,233	1,733	25,027
Mexico.....	3,688	2,777	20,826
United Kingdom.....	92	197	1,602
Federal Republic of Germany.....	4,349	2,834	42,889
Japan.....	4,428	4,331	39,990
Other countries.....	1,069	1,026	10,435
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	32,276	47,826	360,486
Canada.....	4,839	6,478	54,446
Brazil.....	200	89	4,582
United Kingdom.....	959	730	5,853
Netherlands.....	350	166	3,610
Belgium.....	3,473	3,607	24,852
Federal Republic of Germany.....	326	288	3,695
Switzerland.....	121	360	2,645
U.S.S.R.....	208	865	6,147
Hong Kong.....	2,359	1,498	14,448
Japan.....	728	432	2,113
Australia.....	2,777	2,071	15,522
Other countries.....	15,936	31,242	222,573

Note: Includes Schedules B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	June 1978	May 1978	Cotton season 11 months through June 1978
COTTON			
Total.....	1,497	475	5,396
Mexico.....	417	-	417
Peru.....	-	-	1,666
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	1,040	373	2,160
Sudan.....	-	-	993
Other countries.....	40	102	160
LINTERS			
Total.....	10,024	7,113	45,189
Mexico.....	3,971	3,811	28,403
Brazil.....	120	-	1,046
Other countries.....	5,933	3,302	15,740
MANMADE FIBER STAPLE AND TOW			
Total.....	7,312	4,760	65,600
Canada.....	293	567	4,789
United Kingdom.....	88	146	2,327
France.....	344	108	3,332
Federal Republic of Germany.....	1,444	635	9,451
Austria.....	3,580	1,351	17,711
Switzerland.....	-	-	-
Italy.....	228	330	3,170
Japan.....	518	584	6,717
Other countries.....	907	1,039	18,103

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, number: 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094344, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	83.9	81.7	85.3
Stock, August 1.....	20.2	23.4	31.0
Production.....	63.7	58.3	54.3
Distribution.....	83.7	81.9	85.2
Consumption.....	61.0	61.7	61.8
Stocks, July 31.....	22.7	20.2	23.4
Difference <sup>1</sup> .....	-0.2	+0.2	-0.1

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## CURRENT INDUSTRIAL REPORTS

Supplement to Series M22P

## SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1977-1978

The figure on the cotton "carry-over" in the United States as of July 29, 1978 is 5,085,431 bales, according to the Bureau of the Census, Department of Commerce. (LINTERS ARE NOT INCLUDED.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere.<sup>1</sup>

(Running bales, except that imported cotton is in equivalent 500-pound bales)

Supply and distribution	Number of bales
SUPPLY	
Stocks, July 30, 1977, total <sup>1</sup> .....	2,920,005
In consuming establishments.....	1,054,253
In public storage and at compresses.....	1,790,752
Elsewhere (partially estimated) <sup>2</sup> .....	75,000
Net import of foreign cotton.....	5,887
Total imports for consumption.....	5,887
Less: Re-exports (other than withdrawals from bond for export).....	-
Ginnings, crop of 1977 during crop year 1977-1978.....	13,932,453
Total ginnings, crop of 1977.....	14,017,919
Less: Ginnings prior to August 1, 1977.....	85,466
Ginnings, prior to August 1, 1978 crop of 1978.....	143,791
City crop (estimated) <sup>3</sup> .....	10,000
Aggregate supply.....	17,012,136
DISTRIBUTION	
Total exports <sup>4</sup> .....	5,396,440
Consumption, adjusted to calendar year.....	6,234,789
Stocks, July 29, 1978 total <sup>1</sup> .....	5,085,431
In consuming establishments.....	1,113,439
In public storage and at compresses.....	3,796,992
Elsewhere (partially estimate) <sup>2</sup> .....	175,000
Aggregate distribution.....	16,716,660
Excess of reported supply over distribution.....	295,476

- Represents zero.      <sup>r</sup> Revised.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishes, and Canada; on docks, on shipboard but not cleared, and other port stocks not in ware houses or consuming establishments; and on farms, in merchant sheds, and other private storage.

<sup>3</sup>Rebaled samples and pickings from cotton damaged by fire and weather. Census estimate based on reports from larger pickerries.

<sup>4</sup>Figures for July imports and exports were estimated.

## SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1977-1978

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>
SUPPLY	
Stocks, July 30, 1977.....	279,426
In consuming establishments.....	202,341
In public storage.....	17,301
In oil mills.....	58,784
Elsewhere (partially estimated).....	1,000
Imports.....	49,297
Total imports for consumption <sup>1</sup> .....	49,297
Less: Re-exports.....	-
Production.....	1,174,284
Aggregate supply.....	1,503,007
DISTRIBUTION	
Exports <sup>2</sup> .....	153,566
Consumption.....	970,343
Stocks, July 29, 1978, total.....	279,411
In consuming establishments.....	203,679
In public storage.....	6,247
In oil mills (estimate).....	68,485
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,403,320
Excess of reported supply over distribution.....	99,687

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.

<sup>2</sup>Figures for July imports and Exports were estimated.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time or tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

## CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Juanita Noone	(301) 763-5140
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# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

AUGUST 1978

M22P(78)-1  
Issued October 1978

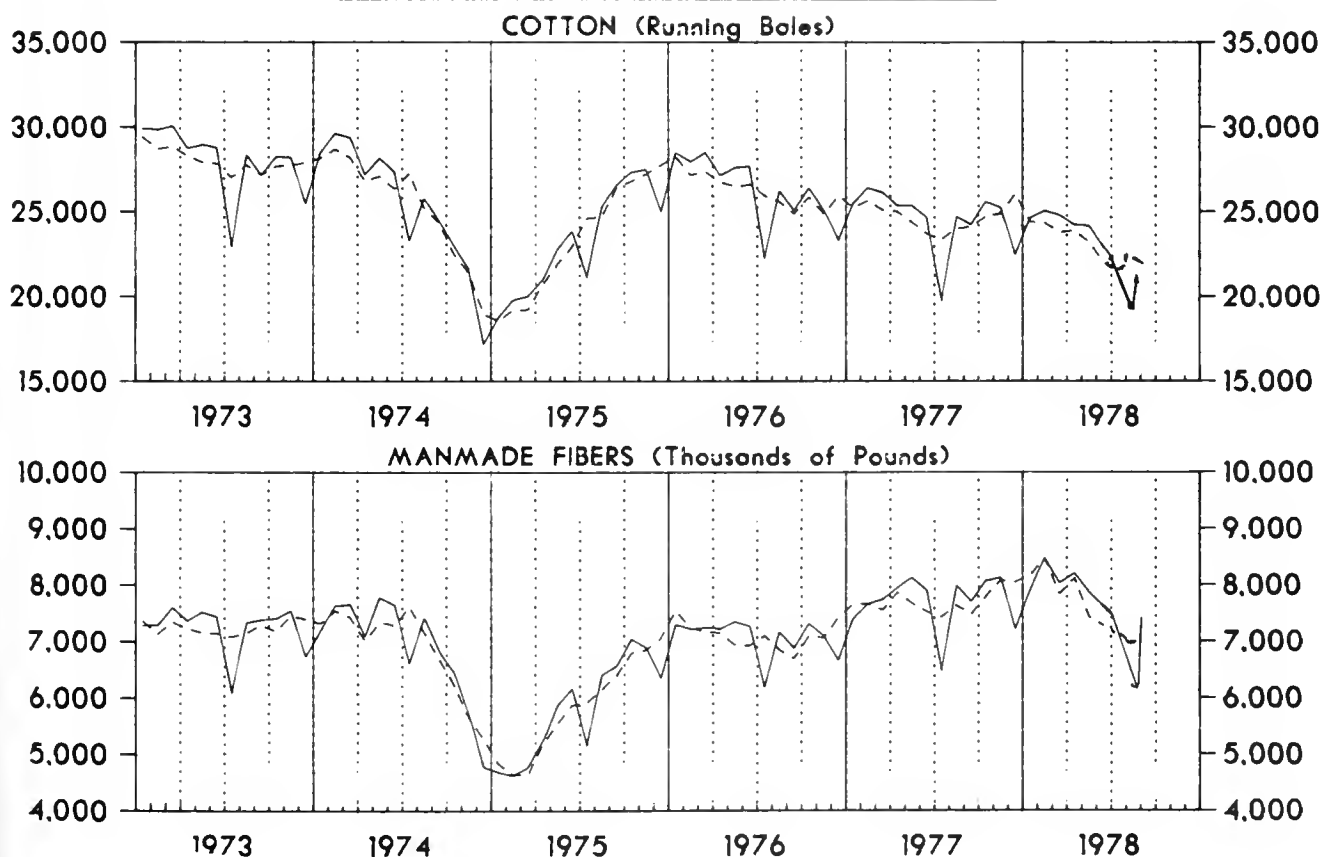
The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 13. An annual Current Industrial Report is published in this series. The annual report includes all the months of the current and previous years and incorporates all known revisions in the series.

THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



For address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Virginia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

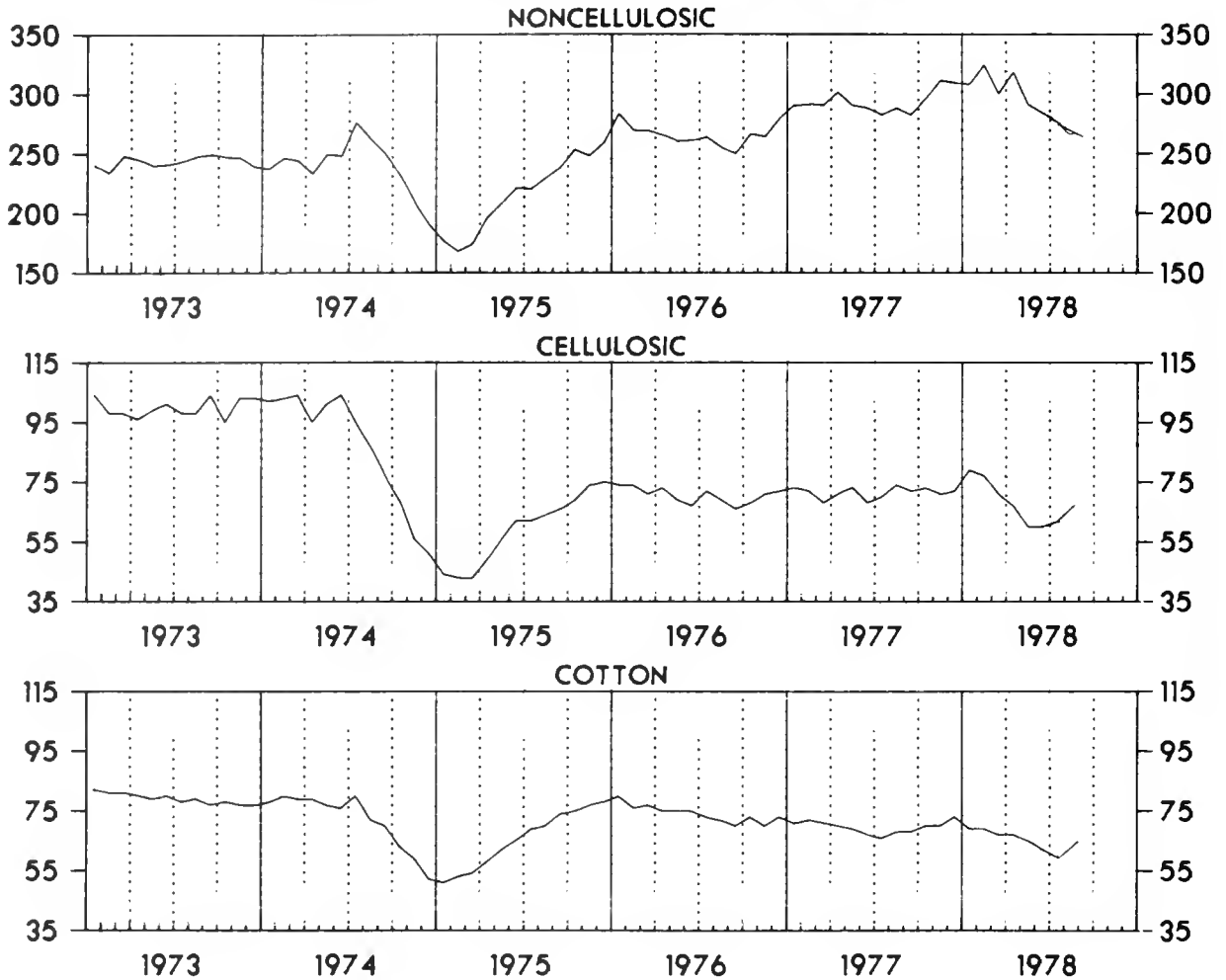


Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 (running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
August (4 weeks).....	22,257	21,980	277	7,227	1,369	5,858	8,362	104,462	386
July (4 weeks).....	22,375	22,113	262	7,228	1,346	5,882	8,489	105,447	375
June (5 weeks).....	22,096	21,852	244	7,374	1,274	6,100	7,551	111,748	386
May (4 weeks).....	23,211	22,959	252	7,431	1,284	6,147	7,354	122,368	391
April (4 weeks).....	23,869	23,592	277	8,122	1,419	6,703	7,209	122,739	405
March (5 weeks).....	23,803	23,532	271	7,829	1,505	6,324	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	26,044	25,815	229	8,046	1,534	6,512	7,251	115,709	415
November (4 weeks).....	24,887	24,659	228	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	24,701	24,445	256	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	23,879	254	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	23,742	249	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	23,110	267	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, September 22, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total 1,000 (running bales)	Manmade fiber stable, total (1,000 pounds)	
	Total running bales <sup>1</sup>	Upland <sup>2</sup> running bales <sup>1</sup>	Long staple <sup>3</sup> running bales <sup>1</sup>	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
August (4 weeks).....	22,795	22,508	287	7,554	1,403	6,151	4,524	113,132	398
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
August (4 weeks).....	63	64	278
July (4 weeks).....	63	63	279
June (5 weeks).....	62	60	289
May (4 weeks).....	65	60	291
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	AUGUST 1978 (JULY 30 TO AUGUST 26)		JULY 1978 (JULY 2 TO JULY 29)		AUGUST 1977 (JULY 31 TO AUGUST 27)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	455,845	228,493	383,373	192,116	493,749	244,877
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	453,442	227,308	381,868	191,360	491,217	243,621
ALABAMA . . . . .	54,052	29,643	49,851	24,997	60,233	29,873
GEORGIA . . . . .	80,724	40,548	69,777	35,045	90,904	45,086
NORTH CAROLINA . . . . .	157,355	78,658	133,026	66,442	176,455	87,512
SOUTH CAROLINA . . . . .	117,969	59,394	100,322	50,434	126,592	62,782
TENNESSEE . . . . .	10,605	5,183	7,621	3,752	8,857	4,393
TEXAS . . . . .	4,486	2,522	4,121	2,072	4,714	2,338
VIRGINIA . . . . .	14,089	6,937	10,847	5,427	16,266	8,068
OTHER STATES. . . . .	8,662	4,423	6,303	3,191	7,196	3,566
NEW ENGLAND. . . . .	2,107	1,006	1,205	603	2,151	1,067
REST OF UNITED STATES. . . . .	346	179	300	153	381	189
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	450,154	225,621	379,013	189,936	488,599	242,345
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	27,405	13,697	23,778	11,832	36,825	18,265
1 INCH AND 1-1/32 INCH STAPLES. . . . .	107,525	53,778	95,439	47,803	129,816	64,389
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	276,223	137,961	227,383	113,854	285,419	141,568
STAPLES LONGER THAN 1-3/32 INCH . . . . .	26,811	13,442	22,266	11,162	25,720	12,757
STAPLES NOT SPECIFIED BY KIND . . . . .	12,190	6,743	10,145	5,285	10,819	5,366
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,313	2,653	4,077	2,035	3,750	1,860
FOREIGN COTTON, TOTAL. . . . .	428	219	283	145	1,400	672
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	428	219	283	145	1,400	672
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	151,087	(X)	126,176	(X)	159,663
RAYON AND ACETATE . . . . .	(X)	28,061	(X)	22,770	(X)	32,221
NYLON . . . . .	(X)	8,640	(X)	7,292	(X)	8,781
ACRYLIC AND MODACRYLIC. . . . .	(X)	14,861	(X)	12,504	(X)	15,957
POLYESTER . . . . .	(X)	98,575	(X)	82,847	(X)	101,899
OTHER MANMADE FIBER . . . . .	(X)	950	(X)	763	(X)	805

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 to August 1978, 20 for July 1978, and 20 for August 1977. <sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for August 1978, 21,689 for July 1978, and 26,917 for August 1977.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	AUGUST 26, 1978		JULY 29, 1978		AUGUST 27, 1977	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,064,366	532,009	1,119,877	560,007	973,373	482,660
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,060,274	529,924	1,116,002	558,031	965,923	478,965
ALABAMA . . . . .	146,093	72,864	150,099	75,309	143,010	70,923
CALIFORNIA . . . . .	146,364	73,558	147,921	74,581	150,280	74,504
GEORGIA . . . . .	358,550	178,632	377,702	187,989	265,433	131,615
NORTH CAROLINA . . . . .	352,872	176,610	379,795	190,018	342,124	169,645
SOUTH CAROLINA . . . . .	21,519	10,691	25,731	12,679	31,171	15,461
TENNESSEE . . . . .	9,681	4,861	10,538	5,295	5,254	2,606
TEXAS . . . . .	17,234	8,670	15,576	7,812	22,185	11,004
VIRGINIA . . . . .	7,961	4,038	8,640	4,348	6,466	3,207
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	3,588	1,829	3,459	1,766	6,958	3,451
REST OF UNITED STATES. . . . .	504	256	416	210	492	244
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,047,062	523,477	1,104,607	552,483	952,919	472,648
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	15,616	7,691	13,315	6,552	12,141	6,022
FOREIGN COTTON, TOTAL. . . . .	1,688	841	1,955	972	8,313	3,990
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	1,688	841	1,955	972	8,313	3,990
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) . . . . .	(X)	113,132	(X)	110,298	(X)	133,927
RAYON AND ACETATE . . . . .	(X)	24,254	(X)	24,337	(X)	31,183
NYLON . . . . .	(X)	8,155	(X)	6,959	(X)	4,991
ACRYLIC AND MODACRYLIC. . . . .	(X)	10,573	(X)	10,214	(X)	11,090
POLYESTER . . . . .	(X)	69,134	(X)	67,948	(X)	86,088
OTHER MANMADE FIBER . . . . .	(X)	1,016	(X)	840	(X)	575

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	AUGUST 26, 1978	JULY 29, 1978	AUGUST 27, 1977
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	3,460,099	3,806,517	1,776,188
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	3,460,016	3,806,428	1,776,127
ALABAMA . . . . .	111,042	141,850	93,825
ARIZONA . . . . .	137,483	187,743	92,247
ARKANSAS . . . . .	148,354	166,610	51,121
CALIFORNIA . . . . .	307,572	419,215	208,801
GEORGIA . . . . .	137,337	147,852	119,548
LOUISIANA . . . . .	82,035	110,705	30,785
MISSISSIPPI . . . . .	257,252	330,977	81,514
MISSOURI . . . . .	48,811	61,538	6,820
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA . . . . .	129,442	134,144	64,118
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	226,649	237,327	137,112
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	1,623,747	1,568,635	790,006
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	250,292	299,832	100,230
NEW ENGLAND . . . . .	83	89	61
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	3,415,290	3,753,824	1,749,659
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	42,100	49,138	23,552
FOREIGN COTTON, TOTAL (2) . . . . .	2,714	3,555	2,977
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on August 26, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	AUGUST 1978 (JULY 30 TO AUGUST 26)	JULY 1978 (JULY 2 TO JULY 29)	AUGUST 1977 (JULY 31 TO AUGUST 27)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	64,343	49,380	61,434
BLEACHERS:- RUNNING BALES . . . . .	DO	42,568	32,231	39,426
GROSS WEIGHT . . . . .	M. LBS.	26,869	19,657	(NA)
OTHER CONSUMERS . . . . .	RUN. BALES	21,775	17,149	22,008
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,682	3,141	3,674
ALL OTHER STATES . . . . .	DO	18,093	14,008	18,334
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	272,816	280,513	259,884
BLEACHERS:- RUNNING BALES . . . . .	DO	172,651	169,674	156,372
GROSS WEIGHT . . . . .	M. LBS.	108,569	106,687	(NA)
OTHER CONSUMERS . . . . .	RUN. BALES	33,844	35,518	38,668
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,861	4,213	4,817
ALL OTHER STATES . . . . .	DO	29,983	31,305	33,851
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	2,971	6,247	14,659
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,971	6,247	14,659
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	63,350	69,074	50,185

(NA) Not available. <sup>T</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
AUGUST 1978 JULY 30 TO AUGUST 26				
UNITED STATES, TOTAL . . . . .	17,559	6,354	2,273	7,723
COTTON GROWING STATES . . . . .	17,287	6,314	2,210	7,706
ALABAMA . . . . .	1,734	855	126	663
GEORGIA . . . . .	2,132	988	121	858
NORTH CAROLINA . . . . .	5,861	2,403	884	2,218
SOUTH CAROLINA . . . . .	6,278	1,519	1,009	3,345
TENNESSEE . . . . .	413	278	(D)	102
TEXAS . . . . .	161	31	(D)	(D)
VIRGINIA . . . . .	527	114	(D)	(D)
OTHER STATES . . . . .	181	126	-	54
NEW ENGLAND . . . . .	272	40	63	17
REST OF UNITED STATES . . . . .				
JULY 1978 JULY 2 TO JULY 29				
UNITED STATES, TOTAL . . . . .	17,548	6,366	2,254	7,704
COTTON GROWING STATES . . . . .	17,268	6,328	2,188	7,681
ALABAMA . . . . .	1,695	848	123	660
GEORGIA . . . . .	2,155	1,007	114	876
NORTH CAROLINA . . . . .	5,849	2,382	882	2,228
SOUTH CAROLINA . . . . .	6,286	1,531	1,007	3,315
TENNESSEE . . . . .	412	277	(D)	103
TEXAS . . . . .	163	31	24	(D)
VIRGINIA . . . . .	527	127	(D)	(D)
OTHER STATES . . . . .	181	125	-	54
NEW ENGLAND . . . . .	280	38	66	23
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
AUGUST 1978 JULY 30 TO AUGUST 26				
UNITED STATES, TOTAL . . . . .	7,965	3,252	1,041	3,672
COTTON GROWING STATES . . . . .	7,930	3,241	1,019	3,670
ALABAMA . . . . .	761	435	61	265
GEORGIA . . . . .	879	474	50	355
NORTH CAROLINA . . . . .	2,716	1,280	405	1,031
SOUTH CAROLINA . . . . .	2,940	781	472	1,687
TENNESSEE . . . . .	228	144	(D)	(D)
TEXAS . . . . .	72	9	(D)	(D)
VIRGINIA . . . . .	239	51	(D)	(D)
OTHER STATES . . . . .	95	67	-	28
NEW ENGLAND . . . . .	35	11	22	2
REST OF UNITED STATES . . . . .				
JULY 1978 JULY 2 TO JULY 29				
UNITED STATES, TOTAL . . . . .	6,535	2,686	873	2,976
COTTON GROWING STATES . . . . .	6,513	2,680	859	2,974
ALABAMA . . . . .	650	384	48	218
GEORGIA . . . . .	720	370	39	311
NORTH CAROLINA . . . . .	2,187	1,021	337	829
SOUTH CAROLINA . . . . .	2,458	693	410	1,355
TENNESSEE . . . . .	183	110	(D)	(D)
TEXAS . . . . .	57	7	(D)	(D)
VIRGINIA . . . . .	184	43	(D)	(D)
OTHER STATES . . . . .	74	52	-	22
NEW ENGLAND . . . . .	22	6	14	2
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

\*Revised by 5 percent or more from previously published figures.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS-TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
AUGUST 1978 JULY 30 TO AUGUST 26					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	455,895	317,196	109,411	29,288
STOCKS (2) . . . . .	BALES	1,064,366	761,524	240,663	62,179
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	151,087	93,896	32,874	24,317
STOCKS . . . . .	M LBS	113,132	65,527	26,803	25,307
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	28,061	15,521	7,643	4,897
STOCKS . . . . .	M LBS	24,254	12,940	7,208	4,106
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	123,026	78,375	25,231	19,420
STOCKS . . . . .	M LBS	88,878	52,587	19,581	16,710
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,559	12,357	3,891	1,311
ACTIVE SPINDLE . . . . .	THOUSANDS	16,350	11,460	3,677	1,213
HOURS OPERATED . . . . .	MILLIONS	7,965	5,474	1,891	600
JULY 1978 JULY 2 TO JULY 29					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	383,373	267,081	91,731	24,561
STOCKS (2) . . . . .	BALES	1,119,877	805,757	250,136	63,984
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	126,176	78,335	27,543	20,298
STOCKS . . . . .	M LBS	110,298	63,335	26,509	20,454
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	22,770	12,239	6,124	4,407
STOCKS . . . . .	M LBS	24,337	11,706	7,439	5,192
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	103,406	66,096	21,419	15,891
STOCKS . . . . .	M LBS	85,961	51,629	19,070	15,262
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,548	12,334	3,910	1,304
ACTIVE SPINDLE . . . . .	THOUSANDS	16,324	11,395	3,703	1,226
HOURS OPERATED . . . . .	MILLIONS	6,535	4,498	1,549	488

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for August and 20 for July.

<sup>3</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.

<sup>4</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	July 1978	June 1978	Cotton season 12 months through July 1978
<b>COTTON</b>			
Total.....	455,750	527,867	5,219,153
Canada.....	5,126	19,437	214,164
India.....	-	-	94
South Vietnam.....	-	-	-
Indonesia.....	32,630	14,939	222,777
Republic of Philippines.....	18,182	13,393	98,077
Republic of Korea.....	82,294	108,015	1,172,014
China-Taiwan.....	44,369	46,719	489,674
Japan.....	78,616	106,907	1,027,670
Other countries.....	194,527	218,457	1,994,683
<b>LINTERS</b>			
Total.....	11,144	14,859	151,913
Canada.....	1,542	1,233	26,569
Mexico.....	3,482	3,688	24,308
United Kingdom.....	47	92	1,649
Federal Republic of Germany.....	546	4,349	43,435
Japan.....	4,726	4,428	44,716
Other countries.....	801	1,069	11,236
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	57,151	32,276	417,637
Canada.....	4,676	4,839	59,122
Brazil.....	65	200	4,647
United Kingdom.....	607	959	6,460
Netherlands.....	342	350	3,952
Belgium.....	2,334	3,473	27,186
Federal Republic of Germany.....	387	326	4,082
Switzerland.....	237	121	2,882
U.S.S.R.....	-	208	6,147
Hong Kong.....	2,438	2,359	16,886
Japan.....	319	728	2,432
Australia.....	1,039	2,777	16,561
Other countries.....	44,707	15,936	267,280

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	July 1978	June 1978	Cotton season 12 months through July 1978
COTTON			
Total.....	34	1,497	5,430
Mexico.....	-	417	417
Peru.....	-	-	1,666
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	1,040	2,160
Sudan.....	-	-	993
Other countries.....	34	40	194
LINTERS			
Total.....	5,078	10,024	50,267
Mexico.....	3,755	3,971	32,158
Brazil.....	315	120	1,361
Other countries.....	1,008	5,933	16,748
MANMADE FIBER STAPLE AND TOW			
Total.....	6,401	7,312	72,001
Canada.....	167	203	4,956
United Kingdom.....	295	88	2,622
France.....	1,128	344	4,460
Federal Republic of Germany.....	849	1,444	10,300
Austria.....	1,046	3,580	18,757
Switzerland.....	1	-	1
Italy.....	70	228	3,240
Japan.....	535	518	7,252
Other countries.....	2,310	907	20,413

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	83.9	81.7	85.3
Stock, August 1.....	20.2	23.4	31.0
Production.....	63.7	58.3	54.3
Distribution.....	83.7	81.9	85.2
Consumption.....	61.0	61.7	61.8
Stocks, July 31.....	22.7	20.2	23.4
Difference <sup>1</sup> .....	-0.2	+0.2	-0.1

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## CURRENT INDUSTRIAL REPORTS

Supplement to Series M22P

## SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1977-1978

The figure on the cotton "carry-over" in the United States as of July 29, 1978 is 5,326,394 bales, according to the Bureau of the Census, Department of Commerce. (LINTERS ARE NOT INCLUDED.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere.<sup>1</sup>

(Running bales, except that imported cotton is in equivalent 500-pound bales)

Supply and distribution	Number of bales
SUPPLY	
Stocks, July 30, 1977, total <sup>1</sup> .....	2,920,005
In consuming establishments.....	1,054,253
In public storage and at compresses.....	1,790,752
Elsewhere (partially estimated) <sup>2</sup> .....	75,000
Net import of foreign cotton.....	5,430
Total imports for consumption.....	5,430
Less: Re-exports (other than withdrawals from bond for export).....	-
Ginnings, crop of 1977 during crop year 1977-1978.....	13,932,453
Total ginnings, crop of 1977.....	14,017,919
Less: Ginnings prior to August 1, 1977.....	85,466
Ginnings, prior to August 1, 1978 crop of 1978.....	143,791
Aggregate supply.....	17,001,679
DISTRIBUTION	
Total exports.....	5,219,153
Consumption, adjusted to calendar year.....	6,235,878
Stocks, July 29, 1978 total <sup>1</sup> .....	5,326,394
In consuming establishments.....	1,119,877
In public storage and at compresses.....	3,806,517
Elsewhere (partially estimated) <sup>2</sup> .....	400,000
Aggregate distribution.....	16,781,425
Excess of reported supply over distribution.....	220,254

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

## SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1977-1978

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>
SUPPLY	
Stocks, July 30, 1977.....	278,951
In consuming establishments.....	201,840
In public storage.....	17,301
In oil mills.....	58,810
Elsewhere (partially estimated).....	1,000
Imports.....	50,267
Total imports for consumption <sup>1</sup> .....	50,267
Less: Re-exports.....	-
Production.....	1,173,914
Aggregate supply.....	1,503,132
DISTRIBUTION	
Exports.....	151,913
Consumption.....	970,460
Stocks, July 29, 1978, total.....	281,513
In consuming establishments.....	205,192
In public storage.....	6,247
In oil mills (estimate).....	69,074
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,403,886
Excess of reported supply over distribution.....	99,246

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.



## DESCRIPTION OF SURVEY\*

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (cotton system)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Import*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
C-13-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
C-122D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
T-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
T-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

## CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Juanita Noone	(301) 763-5140
To order a Census Bureau publication	Daisy Williams	(301) 763-7472
To order Census Bureau microfiche	Dorothy Dunham	(301) 763-5511

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3.158:

# Consumption on the Cotton System

SEPTEMBER 1978

M22P(79)-2

Issued November 1978



U.S. Department of Commerce  
BUREAU OF THE CENSUS

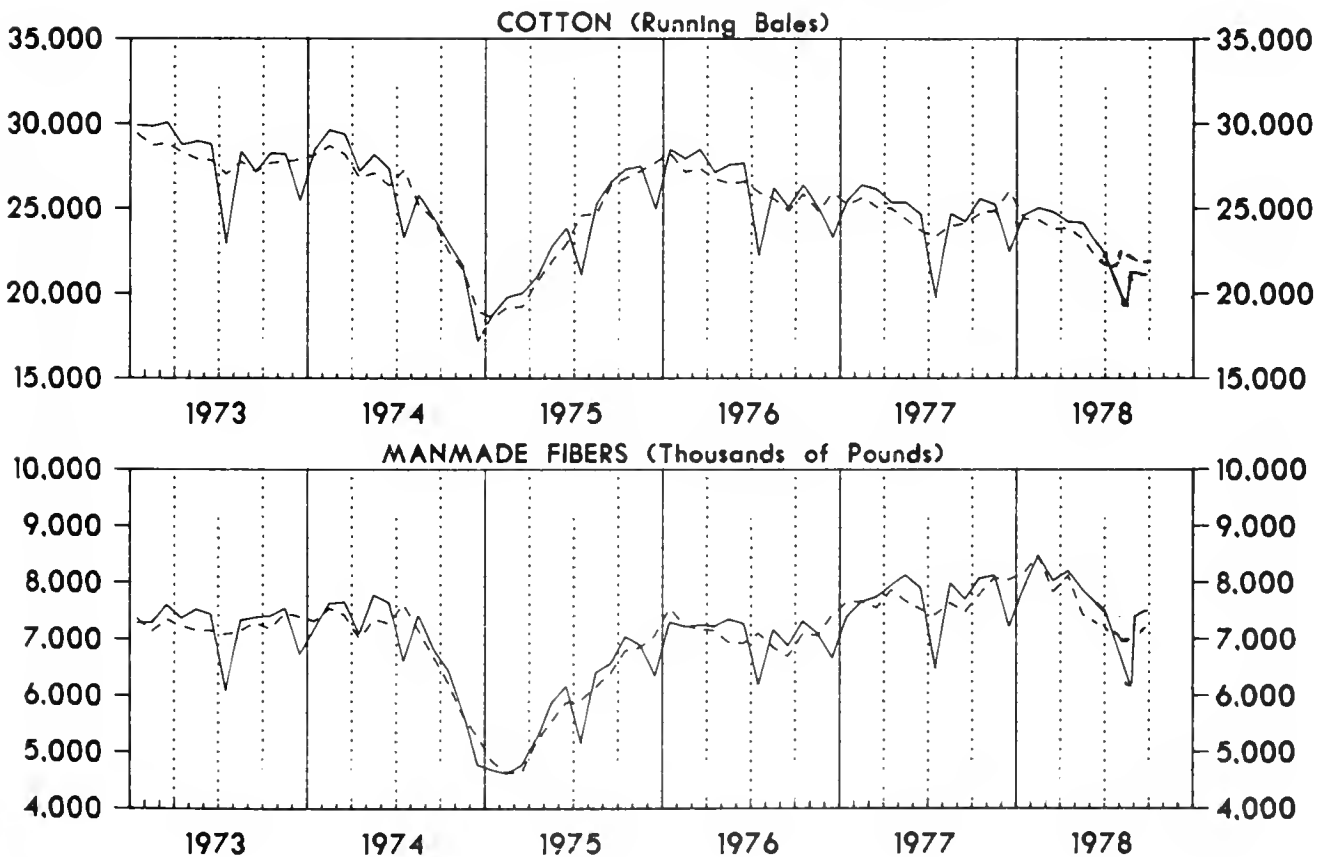
The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 13. An annual Current Industrial Report is published in this series. The annual report includes all the months of the current and previous years and incorporates all known revisions in the series.

THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

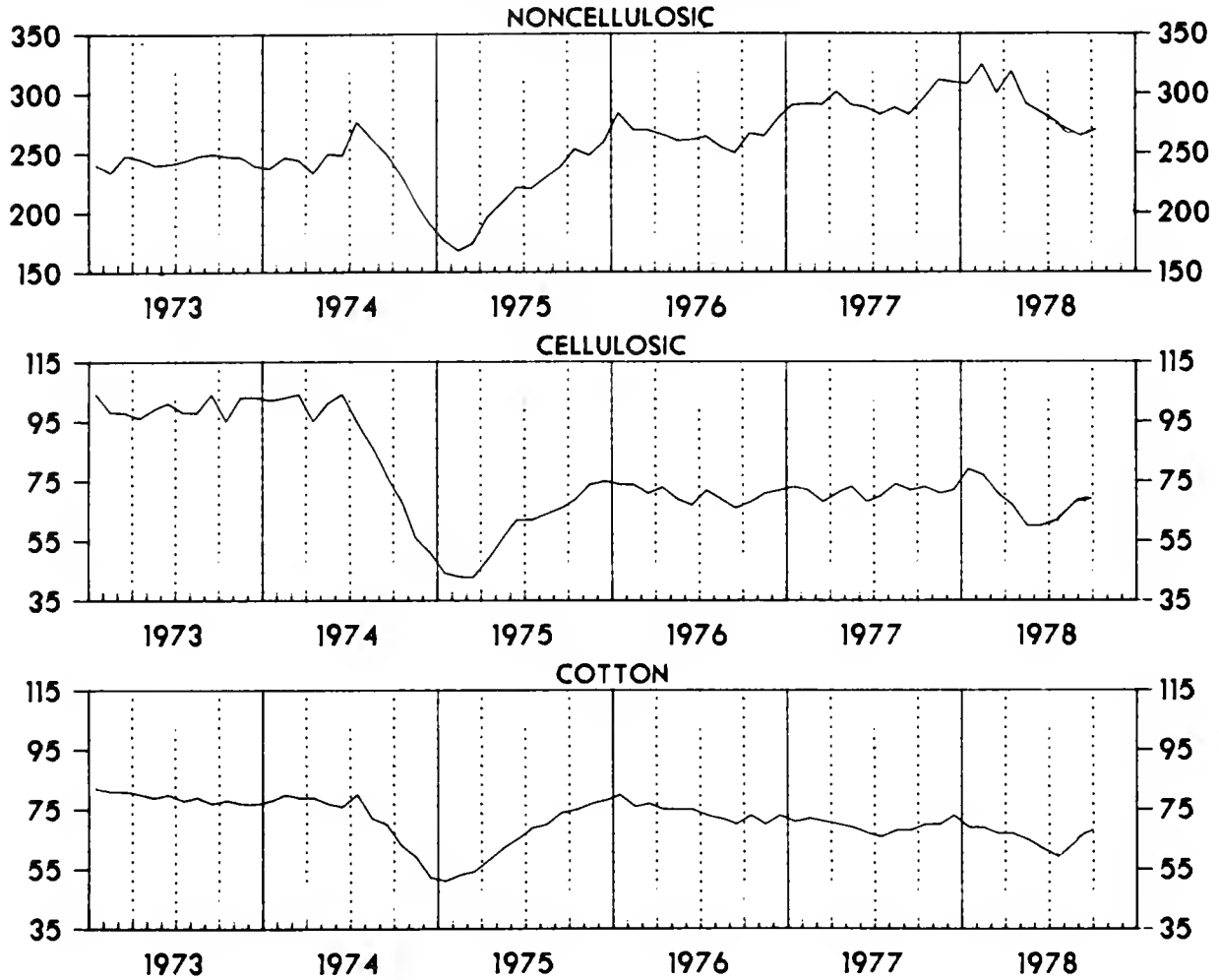


Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total	Upland <sup>2</sup>	Long staple <sup>3</sup>	Total	Cellulosic	Noncellulosic			
	(running bales)	(running bales)	(running bales)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)			
1978									
September (5 weeks).....	22,505	22,263	242	7,311	1,334	5,977	8,883	105,495	377
August (4 weeks).....	22,400	22,152	248	7,198	1,341	5,857	8,368	105,502	383
July (4 weeks).....	22,375	22,113	262	7,228	1,346	5,882	8,489	105,447	375
June (5 weeks).....	22,096	21,852	244	7,374	1,274	6,100	7,551	111,748	386
May (4 weeks).....	23,211	22,959	252	7,431	1,284	6,147	7,354	122,368	391
April (4 weeks).....	23,869	23,592	277	8,122	1,419	6,703	7,209	122,739	405
March (5 weeks).....	23,803	23,532	271	7,829	1,505	6,324	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	26,044	25,815	229	8,046	1,534	6,512	7,251	115,709	415
November (4 weeks).....	24,887	24,659	228	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	24,701	24,445	256	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	23,879	254	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	23,742	249	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,377	23,110	267	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	24,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	331	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382
August (4 weeks).....	25,586	25,265	321	6,854	1,466	5,388	5,477	130,848	397

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, October 26, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1.8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1.8 inch and over.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
September (5 weeks).....	22,683	22,441	242	7,519	1,363	6,156	4,468	114,568	383
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388
August (4 weeks).....	26,203	25,871	332	7,160	1,503	5,657	2,963	141,708	410

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
September (5 weeks).....	63	63	283
August (4 weeks).....	63	63	278
July (4 weeks).....	63	63	279
June (5 weeks).....	62	60	289
May (4 weeks).....	65	60	291
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282
August (4 weeks).....	68	74	288



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	AUGUST 1978 (AUG. 7 TO AUG. 30)		AUGUST 1978 (AUG. 30 TO AUG. 31)		SEPTEMBER 1977 (AUG. 15 TO OCT. 1)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	567,075	283,213	458,815	229,740	605,760	300,425
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	564,046	281,690	455,960	228,313	602,671	298,893
ALABAMA . . . . .	82,059	40,832	58,749	29,462	83,667	41,593
GEORGIA . . . . .	101,237	50,789	80,911	40,560	108,921	54,020
NORTH CAROLINA . . . . .	142,994	70,266	158,455	79,155	214,330	106,293
SOUTH CAROLINA . . . . .	143,160	71,442	120,133	60,486	152,186	75,477
TENNESSEE . . . . .	11,334	5,571	9,943	4,847	10,827	5,370
TEXAS . . . . .	5,659	2,872	4,954	2,521	5,248	2,603
VIRGINIA . . . . .	17,404	8,731	14,089	6,864	17,869	8,863
OTHER STATES. . . . .	10,199	5,187	8,726	4,418	9,423	4,674
NEW ENGLAND. . . . .	2,593	1,302	2,507	1,247	2,706	1,342
REST OF UNITED STATES. . . . .	436	221	348	180	383	190
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	561,013	280,234	453,683	227,211	599,365	297,265
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	34,226	16,773	27,323	13,669	48,329	23,971
1 INCH AND 1-1/32 INCH STAPLES. . . . .	146,597	72,924	109,231	54,629	160,105	79,412
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	330,978	165,925	277,273	138,769	344,905	171,073
STAPLES LONGER THAN 1-3/32 INCH . . . . .	33,058	16,542	26,965	13,522	32,016	15,880
STAPLES NOT SPECIFIED BY KIND . . . . .	16,154	8,070	12,891	6,622	14,010	6,949
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,497	2,757	4,657	2,336	4,399	2,182
FOREIGN COTTON, TOTAL. . . . .	565	222	475	193	1,996	958
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	565	222	475	193	1,996	958
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	187,987	(X)	150,512	(X)	192,378
RAYON AND ACETATE . . . . .	(X)	34,082	(X)	27,503	(X)	34,001
NYLON . . . . .	(X)	12,189	(X)	8,815	(X)	7,997
ACRYLIC AND MODACRYLIC. . . . .	(X)	16,952	(X)	14,589	(X)	18,002
POLYESTER . . . . .	(X)	123,575	(X)	98,658	(X)	126,330
OTHER MANMADE FIBER . . . . .	(X)	1,189	(X)	947	(X)	1,048

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for September 1978; 20 for August 1978; and 25 for Sept. 1977. <sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for September 1978; 29,699 for August 1978, and 31,023 for September 1977.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	SEPTEMBER 30, 1978		AUGUST 31, 1978		OCTOBER 1, 1977	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,028,463	512,629	1,064,977	532,275	886,392	439,527
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,022,584	509,644	1,060,642	530,095	880,136	436,424
ALABAMA . . . . .	142,161	70,157	145,606	72,586	125,788	62,376
CALIFORNIA . . . . .	146,644	73,460	147,849	74,688	138,503	68,676
GEORGIA . . . . .	329,863	163,758	356,565	177,514	236,597	117,315
NORTH CAROLINA . . . . .	343,515	172,216	354,460	177,185	305,102	151,279
SOUTH CAROLINA . . . . .	26,169	12,956	21,646	10,742	43,238	21,446
TENNESSEE . . . . .	10,106	5,035	9,327	4,690	4,980	2,470
TEXAS . . . . .	17,207	8,617	17,234	8,617	20,073	9,956
VIRGINIA . . . . .	6,914	3,445	8,005	4,020	5,853	2,903
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	5,380	2,737	3,785	1,927	5,752	2,853
REST OF UNITED STATES. . . . .	499	248	500	253	504	250
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,010,969	504,040	1,047,704	523,784	867,095	430,079
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	15,608	7,686	15,580	7,665	11,601	5,754
FOREIGN COTTON, TOTAL. . . . .	1,886	903	1,693	826	7,696	3,694
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	1,886	903	1,693	826	7,696	3,694
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) . . . . .	(X)	114,568	(X)	114,259	(X)	131,501
RAYON AND ACETATE . . . . .	(X)	26,441	(X)	24,979	(X)	32,304
NYLON . . . . .	(X)	8,109	(X)	8,004	(X)	5,248
ACRYLIC AND MODACRYLIC. . . . .	(X)	10,393	(X)	10,597	(X)	9,829
POLYESTER . . . . .	(X)	68,611	(X)	69,719	(X)	83,312
OTHER MANMADE FIBER . . . . .	(X)	1,014	(X)	960	(X)	808

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	SEPTEMBER 30, 1978	AUGUST 26, 1978	OCTOBER 1, 1977
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	3,439,579	3,461,640	2,641,260
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	3,439,496	3,461,557	2,641,187
ALABAMA . . . . .	118,469	110,468	127,023
ARIZONA . . . . .	115,642	137,483	79,246
ARKANSAS . . . . .	157,620	148,354	272,071
CALIFORNIA . . . . .	247,588	307,572	151,216
GEORGIA . . . . .	143,459	139,321	113,971
LOUISIANA . . . . .	141,483	81,057	109,169
MISSISSIPPI . . . . .	364,641	257,252	359,208
MISSOURI . . . . .	68,932	48,811	54,669
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA . . . . .	117,849	129,063	50,736
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	227,325	226,480	127,790
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	1,497,070	1,625,400	1,050,461
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	239,408	250,296	145,627
NEW ENGLAND . . . . .	83	83	73
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	3,398,870	3,416,823	2,618,756
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	38,167	42,100	19,396
FOREIGN COTTON, TOTAL (2) . . . . .	2,542	2,717	3,108
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on September 30, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	SEPTEMBER 1978 (AUG. 27 TO SEPT. 30)	AUGUST 1978 (JULY 30 TO JULY 29)	SEPTEMBER 1977 (AUG. 29 TO OCT. 1)
CONSUMPTION, TOTAL . . . . .	RUN,BALES	90,382	64,794	101,370
BLEACHERS:- RUNNING BALES . . . . .	DO	64,430	42,568	74,824
GROSS WEIGHT. . . . .	M. LBS.	40,912	26,870	(NA)
OTHER CONSUMERS . . . . .	RUN,BALES	25,952	22,226	26,546
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,362	3,635	4,567
ALL OTHER STATES . . . . .	DO	21,590	18,591	21,979
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN,BALES	255,695	273,202	211,621
BLEACHERS:- RUNNING BALES . . . . .	DO	161,460	172,651	120,078
GROSS WEIGHT. . . . .	M. LBS.	99,928	108,569	(NA)
OTHER CONSUMERS . . . . .	RUN,BALES	31,536	34,492	34,219
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,076	4,020	4,501
ALL OTHER STATES . . . . .	DO	27,460	30,472	29,718
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	2,491	2,971	9,350
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,491	2,971	9,350
ALL OTHER STATES . . . . .	DO	-	-	-
OIL MILLS (1) . . . . .	DO	60,208	63,088	47,974

(NA) Not available.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SPINNING SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
SEPTEMBER 1978 (AUGUST 27 TO SEPTEMBER 30)				
UNITED STATES, TOTAL . . . . .	17,624	6,288	1,276	7,782
COTTON GROWING STATES . . . . .	17,352	6,253	1,223	7,764
ALABAMA . . . . .	1,777	835	149	709
GEORGIA . . . . .	2,130	1,006	119	846
NORTH CAROLINA . . . . .	5,857	2,408	866	2,205
SOUTH CAROLINA . . . . .	6,305	1,508	1,029	3,376
TENNESSEE . . . . .	413	220	(D)	101
TEXAS . . . . .	162	30	23	(D)
VIRGINIA . . . . .	527	120	(D)	(D)
OTHER STATES . . . . .	181	126	-	55
NEW ENGLAND . . . . .	272	35	53	19
REST OF UNITED STATES . . . . .				
AUGUST 1978 (JULY 30 TO AUGUST 29)				
UNITED STATES, TOTAL . . . . .	17,502	6,327	1,257	7,730
COTTON GROWING STATES . . . . .	17,281	6,288	1,185	7,714
ALABAMA . . . . .	1,734	855	126	663
GEORGIA . . . . .	2,132	989	120	847
NORTH CAROLINA . . . . .	5,854	2,389	878	2,227
SOUTH CAROLINA . . . . .	6,279	1,507	1,008	3,356
TENNESSEE . . . . .	413	275	(D)	102
TEXAS . . . . .	161	30	24	(D)
VIRGINIA . . . . .	527	114	(D)	(D)
OTHER STATES . . . . .	181	126	-	54
NEW ENGLAND . . . . .	271	39	62	16
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINNING HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINNING HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
SEPTEMBER 1978 (AUGUST 27 TO SEPTEMBER 30)				
UNITED STATES, TOTAL . . . . .	9,587	3,894	1,260	4,433
COTTON GROWING STATES . . . . .	9,540	3,882	1,228	4,430
ALABAMA . . . . .	959	342	77	340
GEORGIA . . . . .	1,073	585	63	430
NORTH CAROLINA . . . . .	3,297	1,583	464	1,250
SOUTH CAROLINA . . . . .	3,318	902	390	2,026
TENNESSEE . . . . .	234	137	(D)	(D)
TEXAS . . . . .	71	10	(D)	(D)
VIRGINIA . . . . .	288	56	(D)	(D)
OTHER STATES . . . . .	95	67	-	28
NEW ENGLAND . . . . .	47	14	32	3
REST OF UNITED STATES . . . . .				
AUGUST 1978 (JULY 30 TO AUGUST 29)				
UNITED STATES, TOTAL . . . . .	7,890	3,201	1,330	3,659
COTTON GROWING STATES . . . . .	7,556	3,140	1,009	3,657
ALABAMA . . . . .	747	424	61	264
GEORGIA . . . . .	870	470	48	352
NORTH CAROLINA . . . . .	2,700	1,281	394	1,025
SOUTH CAROLINA . . . . .	2,817	767	476	1,652
TENNESSEE . . . . .	117	132	(D)	(D)
TEXAS . . . . .	73	4	(D)	(D)
VIRGINIA . . . . .	296	51	(D)	(D)
OTHER STATES . . . . .	83	58	-	25
NEW ENGLAND . . . . .	34	11	21	-
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
SEPTEMBER 1978 (AUGUST 27 TO SEPTEMBER 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	567,075	396,893	133,322	36,860
STOCKS (2) . . . . .	BALES	1,028,463	741,553	222,066	64,844
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	187,987	118,513	40,213	29,261
STOCKS . . . . .	M LBS	114,568	65,790	29,591	19,187
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	34,082	19,308	8,793	5,981
STOCKS . . . . .	M LBS	26,441	13,749	8,495	4,197
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	153,905	99,205	31,420	23,280
STOCKS . . . . .	M LBS	88,127	52,041	21,096	14,990
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,624	12,372	3,891	1,361
ACTIVE SPINDLE . . . . .	THOUSANDS	16,346	11,504	3,606	1,236
HOURS OPERATED . . . . .	MILLIONS	9,587	6,665	2,212	710
AUGUST 1978 (JULY 30 TO AUGUST 26)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	458,815	320,973	108,174	29,668
STOCKS (2) . . . . .	BALES	1,064,977	763,990	239,589	61,398
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	150,512	93,783	32,826	23,903
STOCKS . . . . .	M LBS	114,259	65,695	27,602	20,962
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	27,503	15,174	7,379	4,950
STOCKS . . . . .	M LBS	24,979	13,187	7,253	4,539
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	123,009	78,609	25,447	18,953
STOCKS . . . . .	M LBS	89,280	52,508	20,349	16,423
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,552	12,353	3,887	1,312
ACTIVE SPINDLE . . . . .	THOUSANDS	16,314	11,445	3,673	1,196
HOURS OPERATED . . . . .	MILLIONS	7,890	5,463	1,832	595

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for September 1978 and 20 for August 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	August 1978	July 1978	Cotton season 1 month through August 1978
<b>COTTON</b>			
Total.....	523,809	455,750	523,809
Canada.....	15,081	5,126	15,081
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	16,309	32,636	16,309
Republic of Philippines.....	11,518	18,182	11,518
Republic of Korea.....	157,498	82,294	157,498
China-Taiwan.....	44,012	44,369	44,012
Japan.....	85,932	78,616	85,932
Other countries.....	193,459	194,527	193,459
<b>LINTERS</b>			
Total.....	11,953	11,144	11,953
Canada.....	1,967	1,542	1,967
Mexico.....	3,634	3,482	3,634
United Kingdom.....	-	47	-
Federal Republic of Germany.....	1,132	547	1,132
Japan.....	4,163	4,726	4,163
Other countries.....	1,057	801	1,057
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	49,350	57,151	49,350
Canada.....	7,596	4,676	7,596
Brazil.....	131	65	131
United Kingdom.....	1,354	607	1,354
Netherlands.....	112	342	112
Belgium.....	4,093	2,334	4,093
Federal Republic of Germany.....	819	387	819
Switzerland.....	5	237	5
U.S.S.R.....	642	-	642
Hong Kong.....	2,109	2,438	2,109
Japan.....	724	319	724
Australia.....	1,316	1,039	1,316
Other countries.....	30,449	44,707	30,449

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	August 1978	July 1978	Cotton season 1 month through August 1978
<b>COTTON</b>			
Total.....	-	34	-
Mexico.....	-	-	-
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	34	-
<b>LINTERS</b>			
Total.....	2,459	5,078	2,459
Mexico.....	2,226	3,755	2,226
Brazil.....	233	315	233
Other countries.....	-	1,008	-
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	4,244	6,401	4,244
Canada.....	455	167	455
United Kingdom.....	447	295	447
France.....	649	1,128	649
Federal Republic of Germany.....	1,043	849	1,043
Austria.....	-	1,046	-
Switzerland.....	-	1	-
Italy.....	54	70	54
Japan.....	172	535	172
Other countries.....	1,424	2,310	1,424

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977/78 forecast	1976/77 preliminary	1975/76
Supply.....	84.5	84.6	81.6
Stock, August 1.....	24.1	21.1	24.2
Production.....	60.4	63.5	57.4
Distribution.....	83.8	84.9	82.2
Consumption.....	61.9	60.8	61.1
Stocks, July 31.....	21.9	24.1	21.1
Difference <sup>1</sup> .....	-0.7	+0.3	+0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## CURRENT INDUSTRIAL REPORTS

Supplement to Series M22P

## SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1977-1978

The figure on the cotton "carry-over" in the United States as of July 29, 1978 is 5,326,394 bales, according to the Bureau of the Census, Department of Commerce. (LINTERS ARE NOT INCLUDED.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere.<sup>1</sup>

(Running bales, except that imported cotton is in equivalent 500-pound bales)

Supply and distribution	Number of bales
SUPPLY	
Stocks, July 30, 1977, total <sup>1</sup> .....	2,920,005
In consuming establishments.....	1,054,253
In public storage and at compresses.....	1,790,752
Elsewhere (partially estimated) <sup>2</sup> .....	75,000
Net import of foreign cotton.....	5,430
Total imports for consumption.....	5,430
Less: Re-exports (other than withdrawals from bond for export).....	-
Ginnings, crop of 1977 during crop year 1977-1978.....	13,932,453
Total ginnings, crop of 1977.....	14,017,919
Less: Ginnings prior to August 1, 1977.....	85,466
Ginnings, prior to August 1, 1978 crop of 1978.....	143,791
Aggregate supply.....	17,001,679
DISTRIBUTION	
Total exports.....	5,219,153
Consumption, adjusted to calendar year.....	6,235,878
Stocks, July 29, 1978 total <sup>1</sup> .....	5,326,394
In consuming establishments.....	1,119,877
In public storage and at compresses.....	3,806,517
Elsewhere (partially estimated) <sup>2</sup> .....	400,000
Aggregate distribution.....	16,781,425
Excess of reported supply over distribution.....	220,254

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishes, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

## SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1977-1978

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>
SUPPLY	
Stocks, July 30, 1977.....	279,426
In consuming establishments.....	202,341
In public storage.....	17,301
In oil mills.....	58,784
Elsewhere (partially estimated).....	1,000
Imports.....	50,267
Total imports for consumption <sup>1</sup> .....	50,267
Less: Re-exports.....	---
Production.....	1,173,914
Aggregate supply.....	1,503,607
DISTRIBUTION	
Exports.....	238,856
Consumption.....	970,460
Stocks, July 29, 1978, total.....	281,513
In consuming establishments.....	205,192
In public storage.....	6,247
In oil mills (estimate).....	69,074
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,490,829
Excess of reported supply over distribution.....	12,778

- Represents zero.      <sup>r</sup>Revised.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term “cotton-system spinning spindles” does not include spindles operated on the “American” and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

**COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA**

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers’ shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers’ Shipments, Not Specified by Kind*—The value of manufacturers’ shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *“Direct” vs “Total” Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

**RELATED REPORTS**

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Dorothy Dunham	(301) 763-5511

#### CONTACTS FOR DATA USERS

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3. 158:



M 22 P(79) - 3

# Consumption on the Cotton System

OCTOBER 1978

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M22P(79)-3  
Issued December 1978

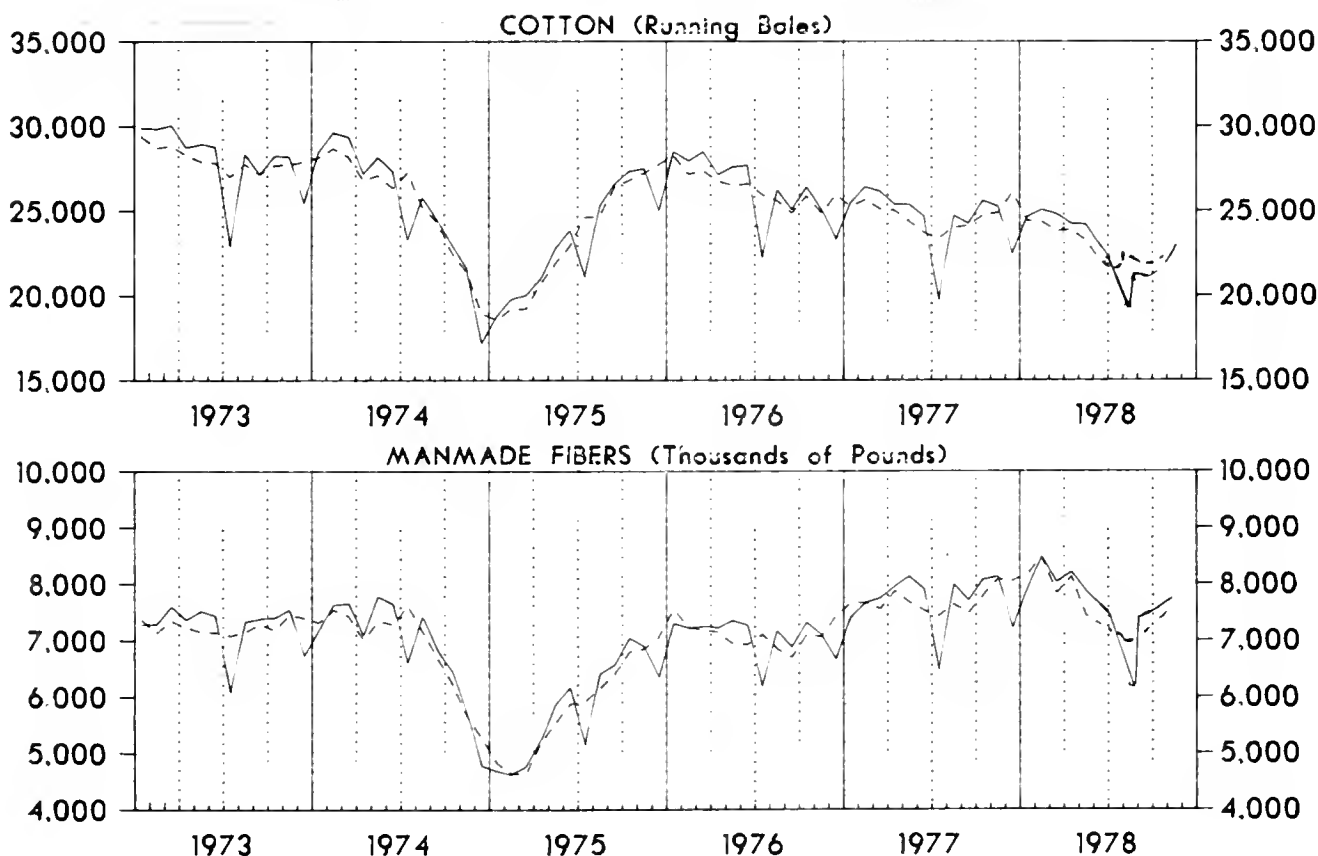
The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 11. An annual Current Industrial Report is published in this series. The annual report includes all the months of the current and previous years and incorporates all known revisions in the series.

THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

For sale by the Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price 30 cents per copy, \$3.90 per year.

INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

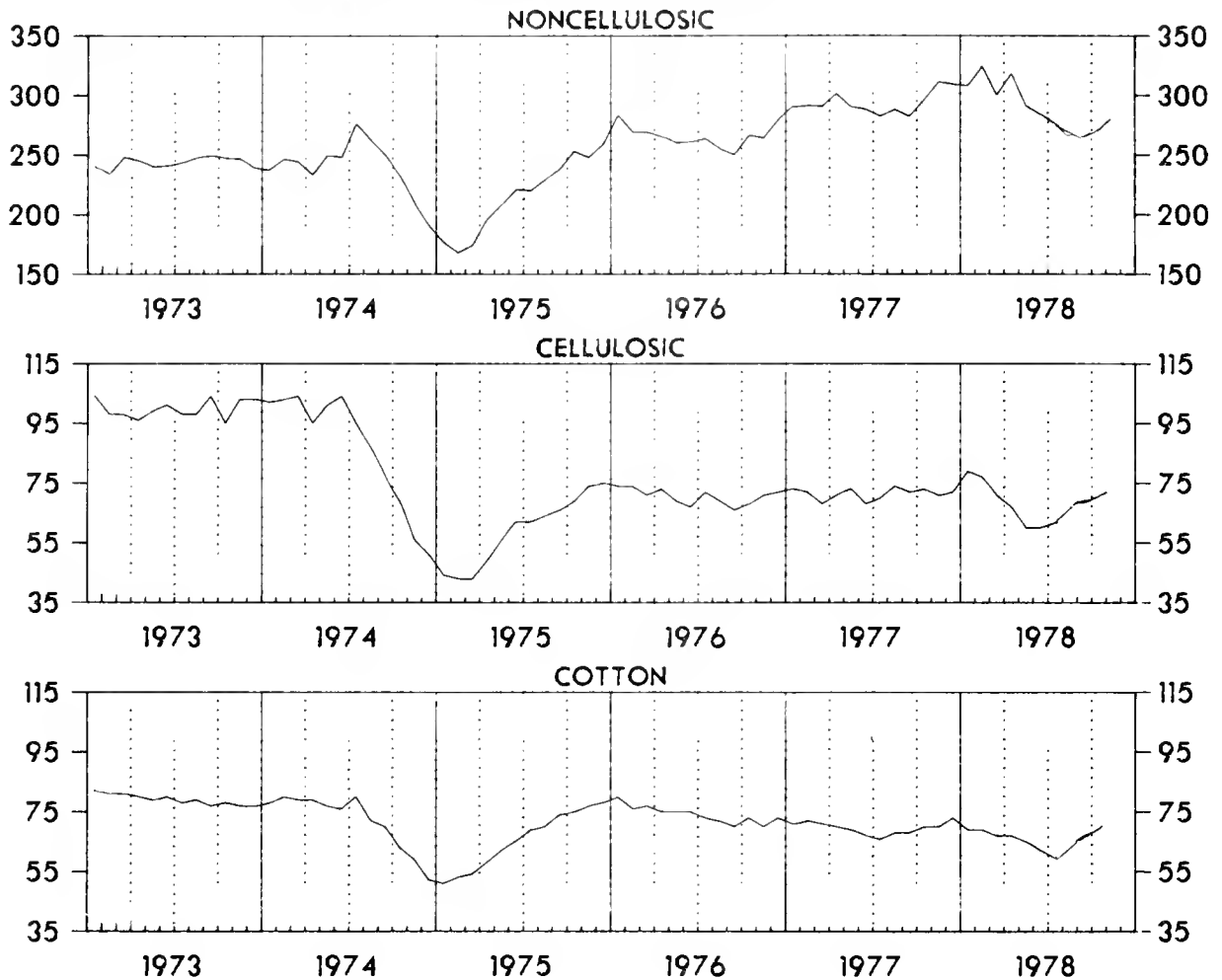


Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTHS STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellu-losic (1,000 pounds)	Noncel-lulosic (1,000 pounds)			
1978									
October (4 weeks).....	23,771	23,462	209	7,678	1,408	6,270	7,080	104,073	392
September (5 weeks).....	22,601	22,368	233	7,315	1,344	5,971	8,879	105,935	379
August (4 weeks).....	22,400	22,152	248	7,198	1,341	5,857	8,368	105,502	383
July (4 weeks).....	22,375	22,113	262	7,228	1,346	5,882	8,489	105,447	375
June (5 weeks).....	22,096	21,832	264	7,374	1,374	6,100	7,551	111,748	386
May (4 weeks).....	23,211	22,959	252	7,431	1,384	6,147	7,354	122,368	391
April (4 weeks).....	23,869	23,592	277	8,122	1,419	6,703	7,209	122,739	405
March (5 weeks).....	23,803	23,532	271	7,829	1,505	6,324	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	26,044	25,815	229	8,146	1,534	6,612	7,251	115,709	415
November (4 weeks).....	24,887	24,659	228	8,180	1,515	6,665	7,710	122,757	404
October (4 weeks).....	24,701	24,445	256	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,133	23,879	254	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	23,991	23,742	249	7,641	1,572	6,069	5,163	123,663	392
July (4 weeks).....	23,377	23,110	267	7,423	1,483	5,940	4,602	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	156,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,555	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,851	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	24,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403
November (4 weeks).....	24,846	24,550	296	7,061	1,501	5,560	5,202	142,655	384
October (4 weeks).....	25,849	25,532	317	7,089	1,449	5,607	4,330	138,430	398
September (5 weeks).....	24,856	24,551	305	6,688	1,411	5,277	4,704	137,316	382

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, November 22, 1978. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1 1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1 1/8 inch and over.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
October (4 weeks).....	24,152	23,931	221	7,955	1,491	6,464	6,301	107,924	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390
October (4 weeks).....	26,392	26,043	349	7,316	1,535	5,781	3,854	143,552	413
September (5 weeks).....	25,052	24,747	305	6,877	1,442	5,435	2,366	149,125	388

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
October (4 weeks).....	67	66	297
September (5 weeks).....	64	63	283
August (4 weeks).....	63	63	278
July (4 weeks).....	63	63	279
June (5 weeks).....	62	60	289
May (4 weeks).....	65	60	291
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311
October (4 weeks).....	70	73	296
September (5 weeks).....	68	72	282



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	OCTOBER 1978 (OCT. 1 TO OCT. 28)		SEPTEMBER 1978 (AUG. 27 TO SEPT. 30)		OCTOBER 1977 (OCT. 2 TO OCT. 29)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	483,036	241,410	569,495	284,472	511,805	253,832
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	480,256	240,026	566,455	282,444	509,617	252,747
ALABAMA . . . . .	61,405	30,980	82,202	40,900	68,129	33,792
GEORGIA . . . . .	84,025	41,616	101,201	50,655	91,726	45,496
NORTH CAROLINA . . . . .	169,107	84,602	195,264	97,410	182,694	90,604
SOUTH CAROLINA . . . . .	121,160	60,806	143,613	71,823	130,258	64,594
TENNESSEE . . . . .	8,863	4,386	10,876	5,342	9,379	4,652
TEXAS . . . . .	1,497	2,289	5,694	2,896	4,960	2,460
VIRGINIA . . . . .	15,742	7,723	17,405	8,731	16,181	8,029
OTHER STATES. . . . .	9,557	4,824	10,200	5,187	6,290	3,120
NEW ENGLAND. . . . .	2,063	1,176	2,601	1,306	1,855	920
REST OF UNITED STATES. . . . .	415	208	439	222	333	165
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	478,620	239,220	563,668	281,610	506,376	251,162
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	28,308	14,119	34,159	16,819	37,881	18,789
1 INCH AND 1-1/2 INCH STAPLES. . . . .	121,192	60,608	143,867	71,810	134,127	66,527
1-1/2 INCH AND 1-3/32 INCH STAPLES . . . . .	289,091	144,601	366,397	186,356	293,313	145,483
STAPLES LONGER THAN 1-3/32 INCH . . . . .	26,384	13,286	33,059	16,545	28,200	13,987
STAPLES NOT SPECIFIED BY KIND . . . . .	13,115	6,566	16,196	8,080	12,855	6,376
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	6,967	3,482	5,261	2,639	3,981	1,975
FOREIGN COTTON, TOTAL. . . . .	471	238	526	263	1,448	695
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	471	238	526	263	1,413	678
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .					35	17
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	189,094	(X)	188,112	(X)	161,411
RAYON AND ACETATE . . . . .	(X)	24,812	(X)	6,346	(X)	32,701
NYLON . . . . .	(X)	9,722	(X)	12,183	(X)	7,455
ACRYLIC AND MODACRYLIC. . . . .	(X)	15,585	(X)	16,871	(X)	15,415
POLYESTER . . . . .	(X)	104,817	(X)	123,594	(X)	104,925
OTHER MANMADE FIBER . . . . .	(X)	1,158	(X)	1,118	(X)	955

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds. (X) Not applicable.

1. Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for October 1978, 25 for September 1978 and 20 for October 1977. 2. Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber top without combing, in woolen and worsted mills as follows: Not available for October 1978, 35,797 for September 1978, and 28,661 for October 1977.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE  
HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	OCTOBER 28, 1978		SEPTEMBER 30, 1978		OCTOBER 29, 1977	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,019,846	509,717	1,042,259	514,933	835,188	414,130
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,013,998	506,681	1,026,414	511,464	828,325	410,845
ALABAMA . . . . .	145,161	72,795	140,663	69,744	141,176	69,096
CALIFORNIA . . . . .	136,080	68,342	146,533	73,429	134,392	66,646
GEORGIA . . . . .	16,177	8,085	21,476	10,738	164,612	82,340
NORTH CAROLINA . . . . .	12,455	6,227	17,445	8,722	269,302	133,622
SOUTH CAROLINA . . . . .	82,280	41,140	26,080	12,908	57,605	28,572
TENNESSEE . . . . .	8,626	4,313	11,106	5,553	4,601	2,302
TEXAS . . . . .	17,461	8,731	17,207	8,617	18,786	9,318
VIRGINIA . . . . .	1,748	863	6,919	3,459	1,567	769
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	5,000	2,500	6,347	3,173	6,173	3,082
REST OF UNITED STATES. . . . .	44	22	499	248	490	243
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,013,998	506,681	1,014,835	506,980	817,782	405,620
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	15,844	7,823	15,538	7,650	10,956	5,414
FOREIGN COTTON, TOTAL. . . . .	2,099	1,036	1,886	903	6,450	3,096
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	2,099	1,036	1,886	903	6,331	3,037
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .					119	57
MANMADE FIBER STAPLE (1) . . . . .	(X)	107,924	(X)	115,045	(X)	125,372
RAYON AND ACETATE . . . . .	(X)	23,921	(X)	26,095	(X)	29,308
NYLON . . . . .	(X)	9,318	(X)	8,159	(X)	4,800
ACRYLIC AND MODACRYLIC. . . . .	(X)	10,354	(X)	10,536	(X)	10,145
POLYESTER . . . . .	(X)	65,192	(X)	69,268	(X)	80,119
OTHER MANMADE FIBER . . . . .	(X)	1,141	(X)	987	(X)	700

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds. (X) Not applicable.

1. Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. TONNAGE OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
 (COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	OCTOBER 28, 1974	SEPTEMBER 30, 1973	OCTOBER 27, 1977
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	5,281,116	3,433,886	6,260,630
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	5,273,973	3,433,803	6,260,504
ALABAMA . . . . .	255,471	119,829	217,029
ARIZONA . . . . .	190,845	115,642	210,438
ARKANSAS . . . . .	467,175	157,620	660,101
CALIFORNIA . . . . .	398,681	247,588	729,436
GEORGIA . . . . .	194,143	143,687	157,760
LOUISIANA . . . . .	402,177	141,493	461,253
MISSISSIPPI . . . . .	1,023,046	364,641	1,016,240
MISSOURI . . . . .	176,021	68,932	193,169
NEW MEXICO . . . . .	(1)	(1)	52,315
NORTH CAROLINA . . . . .	121,654	110,932	60,649
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	279,686	227,325	208,301
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	1,424,456	1,496,706	2,009,193
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	340,618	239,408	284,620
NEW ENGLAND . . . . .	109	83	126
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	5,246,970	3,393,177	6,231,073
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	32,478	38,167	26,553
FOREIGN COTTON, TOTAL (2) . . . . .	1,668	2,542	3,004
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. <sup>R</sup>Revised.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on October 28, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	OCTOBER 1974 OCT. 1 TO OCT. 29	SEPTEMBER 1973 AUG. 27 TO SEPT. 30	OCTOBER 1977 OCT. 2 TO OCT. 23
CONSUMPTION, TOTAL . . . . .	RUN. BALES	82,060	91,111	82,420
BLEACHERS:- RUNNING BALES . . . . .	DO	60,063	64,912	61,440
GROSS WEIGHT . . . . .	M. LBS.	37,055	41,166	(NA)
OTHER CONSUMERS . . . . .	RUN. BALES	21,997	26,199	20,980
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,735	4,335	3,300
ALL OTHER STATES . . . . .	DO	18,262	21,864	17,680
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	252,993	255,900	215,119
BLEACHERS:- RUNNING BALES . . . . .	DO	153,601	161,645	107,351
GROSS WEIGHT . . . . .	M. LBS.	95,106	100,336	(NA)
OTHER CONSUMERS . . . . .	RUN. BALES	28,804	31,750	31,912
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,734	4,181	4,294
ALL OTHER STATES . . . . .	DO	25,070	27,569	27,618
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	4,077	2,297	8,499
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,077	2,297	8,499
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	66,511	60,208	67,357

Not available.

Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

IN THOUSANDS				
AREA AND STAT.	SPINDLES IN PLACE	1 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
OCTOBER 1978 (OCTOBER 1 TO OCTOBER 28)				
UNITED STATES, TOTAL . . . . .	17,641	6,289	2,254	7,307
COTTON GROWING STATES . . . . .	17,369	6,251	2,197	7,788
ALABAMA . . . . .	1,776	316	150	730
GEORGIA . . . . .	2,116	1,010	119	811
NORTH CAROLINA . . . . .	5,890	2,445	826	2,252
SOUTH CAROLINA . . . . .	6,305	1,485	1,040	3,368
TENNESSEE . . . . .	411	217	(D)	102
TEXAS . . . . .	163	30	24	(D)
VIRGINIA . . . . .	527	121	(D)	(D)
OTHER STATES . . . . .	181	127	-	53
NEW ENGLAND . . . . .	27	38	57	19
REST OF UNITED STATES . . . . .				
SEPTEMBER 1978 (AUGUST 27 TO SEPTEMBER 30)				
UNITED STATES, TOTAL . . . . .	17,613	6,329	2,261	7,736
COTTON GROWING STATES . . . . .	17,341	6,195	2,207	7,715
ALABAMA . . . . .	1,725	834	128	678
GEORGIA . . . . .	2,130	1,010	121	833
NORTH CAROLINA . . . . .	5,891	2,443	865	2,206
SOUTH CAROLINA . . . . .	6,311	1,512	1,033	3,373
TENNESSEE . . . . .	413	220	(D)	101
TEXAS . . . . .	162	30	23	(D)
VIRGINIA . . . . .	527	120	(D)	(D)
OTHER STATES . . . . .	181	126	-	55
NEW ENGLAND . . . . .	272	34	54	18
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

IN MILLIONS				
AREA AND STAT.	TOTAL SPINDLE HOURS	1 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
OCTOBER 1978 (OCTOBER 1 TO OCTOBER 28)				
UNITED STATES, TOTAL . . . . .	8,124	3,256	1,091	3,777
COTTON GROWING STATES . . . . .	8,087	3,248	1,065	3,774
ALABAMA . . . . .	760	412	66	282
GEORGIA . . . . .	886	496	51	339
NORTH CAROLINA . . . . .	2,782	1,319	397	1,066
SOUTH CAROLINA . . . . .	3,051	786	520	1,745
TENNESSEE . . . . .	198	111	(D)	(D)
TEXAS . . . . .	71	9	(D)	(D)
VIRGINIA . . . . .	253	53	(D)	(D)
OTHER STATES . . . . .	86	62	-	24
NEW ENGLAND . . . . .	37	8	26	3
REST OF UNITED STATES . . . . .				
SEPTEMBER 1978 (AUGUST 27 TO SEPTEMBER 30)				
UNITED STATES, TOTAL . . . . .	9,627	3,915	1,265	4,447
COTTON GROWING STATES . . . . .	9,580	3,903	1,233	4,444
ALABAMA . . . . .	970	541	77	352
GEORGIA . . . . .	1,077	536	63	428
NORTH CAROLINA . . . . .	3,308	1,594	461	1,253
SOUTH CAROLINA . . . . .	3,531	902	592	2,027
TENNESSEE . . . . .	234	137	(D)	(D)
TEXAS . . . . .	71	10	(D)	(D)
VIRGINIA . . . . .	294	62	(D)	(D)
OTHER STATES . . . . .	95	67	-	28
NEW ENGLAND . . . . .	47	11	32	3
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE B. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
OCTOBER 1978 (OCTOBER 1 TO OCTOBER 28)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	483,036	341,616	108,902	32,518
STOCKS (2) . . . . .	BALES	1,019,976	733,999	211,901	74,076
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	159,094	99,983	34,324	24,787
STOCKS . . . . .	M LBS	107,924	63,545	26,206	18,173
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	29,812	16,512	7,742	5,558
STOCKS . . . . .	M LBS	23,921	13,130	6,618	4,173
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	129,282	83,471	26,582	19,229
STOCKS . . . . .	M LBS	84,003	50,415	19,588	14,000
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,641	12,348	3,889	1,404
ACTIVE SPINDLE . . . . .	THOUSANDS	16,350	11,463	3,602	1,285
HOURS OPERATED . . . . .	MILLIONS	8,124	5,702	1,800	622
SEPTEMBER 1978 (AUGUST 27 TO SEPTEMBER 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	569,495	396,555	132,426	40,514
STOCKS (2) . . . . .	BALES	1,032,259	745,015	223,505	63,739
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	188,112	118,201	40,309	29,602
STOCKS . . . . .	M LBS	115,045	66,010	29,658	19,377
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	34,346	19,550	8,789	6,007
STOCKS . . . . .	M LBS	26,095	13,534	8,454	4,107
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	153,766	98,651	31,520	23,595
STOCKS . . . . .	M LBS	88,950	52,476	21,204	15,270
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,613	12,372	3,891	1,350
ACTIVE SPINDLE . . . . .	THOUSANDS	16,326	11,499	3,607	1,220
HOURS OPERATED . . . . .	MILLIONS	9,627	6,673	2,206	748

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for October 1978 and 25 for September 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, thousand pounds for linters and staple)

Country to which exported	September 1978	August 1977	Cotton season 2 months through September 1978
<b>COTTON</b>			
Total.....	388,282	523,809	912,091
Canada.....	21,416	15,081	36,997
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	10,879	16,309	27,188
Republic of Philippines.....	7,835	11,518	19,353
Republic of Korea.....	70,349	157,498	227,897
China-Taiwan.....	29,763	44,012	73,775
Japan.....	67,318	85,932	153,250
Other countries.....	180,172	193,459	373,631
<b>LINTERS</b>			
Total.....	10,556	11,953	22,509
Canada.....	1,670	1,967	3,637
Mexico.....	2,812	3,634	6,446
United Kingdom.....	44	-	44
Federal Republic of Germany.....	2,930	1,132	4,062
Japan.....	3,034	4,163	7,197
Other countries.....	66	1,057	1,123
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	54,891	49,350	104,241
Canada.....	7,878	7,596	15,474
Brazil.....	395	131	526
United Kingdom.....	1,078	1,354	2,432
Netherlands.....	173	112	285
Belgium.....	2,904	4,093	6,997
Federal Republic of Germany.....	537	819	1,356
Switzerland.....	509	5	514
U.S.S.R.....	94	642	736
Hong Kong.....	1,603	2,109	3,712
Japan.....	1,666	724	2,390
Australia.....	2,414	1,316	3,730
Other countries.....	35,640	30,449	66,089

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	September 1978	August 1977	Cotton season 2 months through September 1978
COTTON			
Total.....	219	-	219
Mexico.....	-	-	-
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	219	-	219
LINTERS			
Total.....	4,510	2,459	6,969
Mexico.....	3,833	2,226	6,059
Brazil.....	218	233	451
Other countries.....	459	-	459
MANMADE FIBER STAPLE AND TOW			
Total.....	4,501	4,244	8,745
Canada.....	524	455	979
United Kingdom.....	65	447	512
France.....	517	649	1,166
Federal Republic of Germany.....	598	1,043	1,641
Austria.....	29	-	29
Switzerland.....	-	-	-
Italy.....	33	54	87
Japan.....	335	172	507
Other countries.....	2,400	1,424	3,824

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; Linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(In million bales of 480 lb. net)

Item	1977 78 forecast	1976 77 preliminary	1975 76
Supply.....	84.5	84.6	81.6
Stock, August 1.....	24.1	21.1	24.2
Production.....	60.4	63.5	57.4
Distribution.....	83.8	84.9	82.2
Consumption.....	61.9	60.8	61.1
Stocks, July 31.....	21.9	24.1	21.1
Difference <sup>1</sup> .....	-0.7	+0.3	+0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Dorothy Dunham	(301) 763-5511



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# Consumption on the Cotton System

NOVEMBER 1978

M22P(79)-4

Issued January 1979



U.S. Department of Commerce  
BUREAU OF THE CENSUS

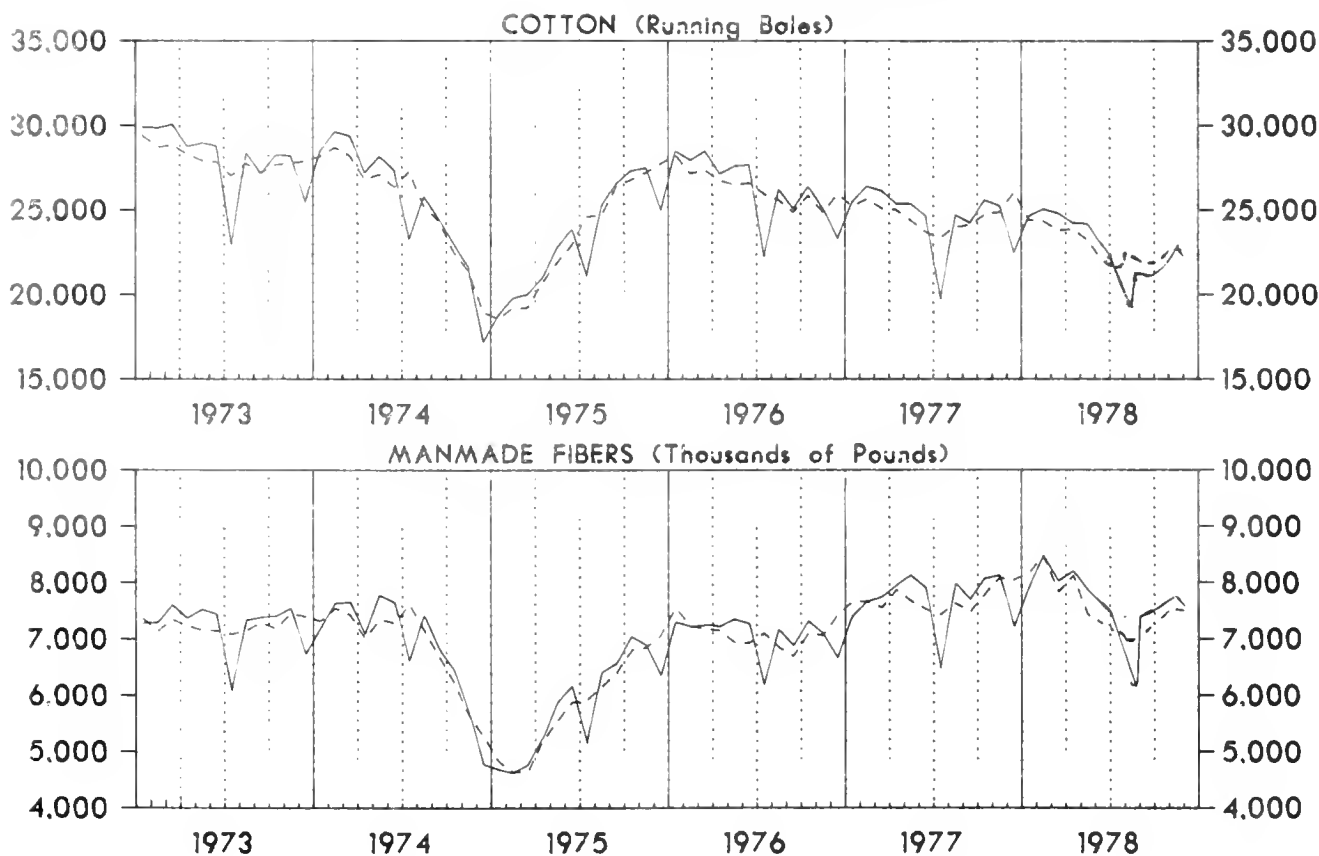
The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 12. An annual Current Industrial Report is published in this series. The annual report includes all the months of the current and previous years and incorporates all known revisions in the series.

THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978

----- Seasonally Adjusted  
—— Not Seasonally Adjusted

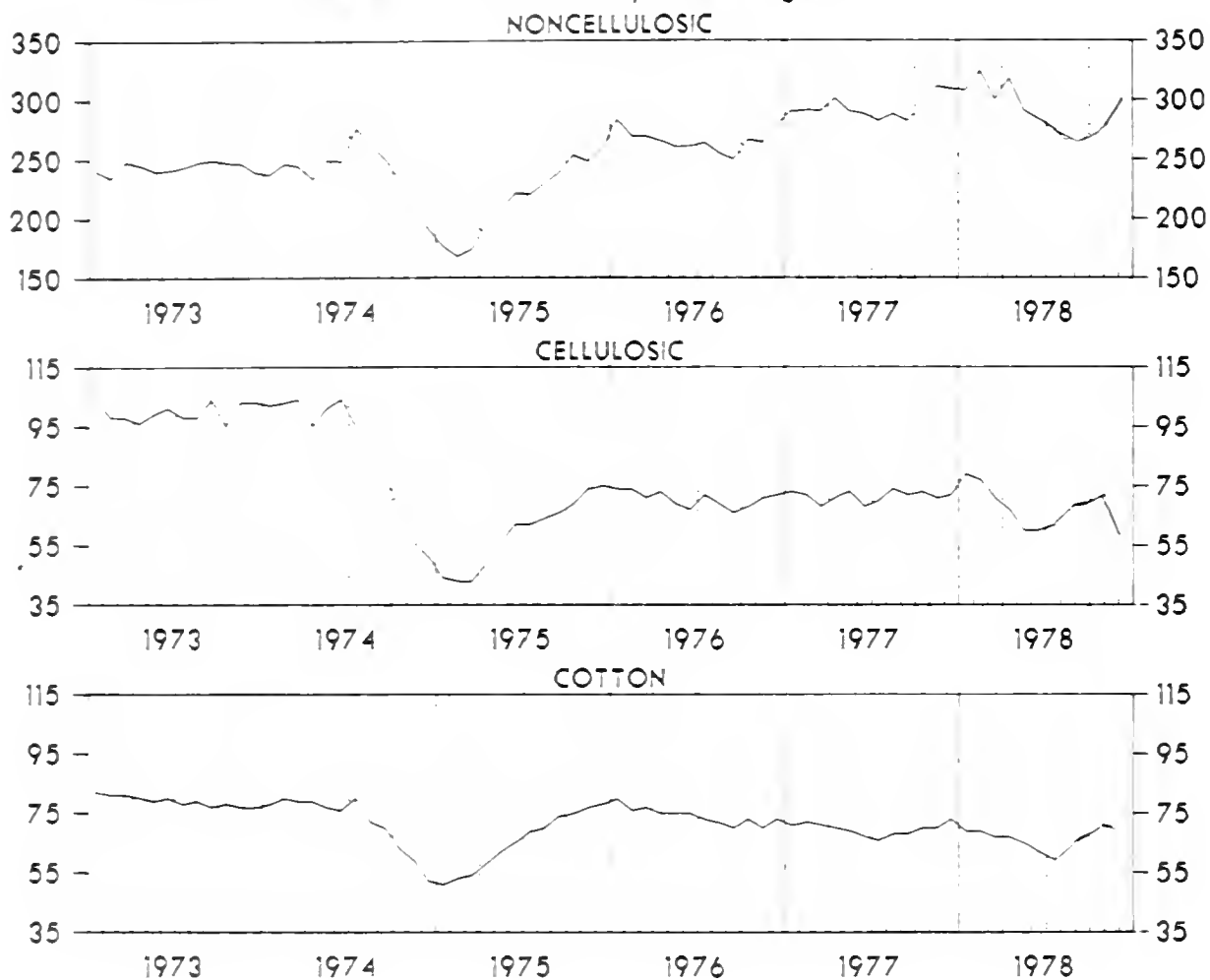


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# INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978

(Based On 1967 Daily Average = 100)



U.S. DEPARTMENT OF COMMERCE  
BUREAU OF ECONOMIC ANALYSIS  
COTTON CONSUMPTION IN THE UNITED STATES  
1940-1941

Month	Cotton Consumption (Millions of Pounds)						Spindle Hours		Daily average spindle hours operated
	1940						1941		
	Cotton						Total	Average fiber staple	
	Plant	Long staple	Short staple	Medium staple	Other	Total			
	Plant	Long staple	Short staple	Medium staple	Other	Total	Plant	Long staple	
1940									
December 3 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
November 4 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
October 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
September 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
August 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
July 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
June 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
May 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
April 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
March 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
February 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
January 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
1941									
December 3 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
November 4 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
October 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
September 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
August 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
July 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
June 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
May 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
April 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
March 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
February 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
January 5 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
1942									
December 3 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111
November 4 weeks	11,111	11,111	11,111	11,111	11,111	55,555	11,111	11,111	11,111

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, December 11, 1941. However, the printing and mailing of this report occurs 7 to 11 days after the aforementioned release date.

<sup>1</sup>Daily Average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American Upland, Indian, Mexican, and other foreign cotton of staple length 1-1 1/2 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1 1/2 inch and over.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total  (1,000 pounds)	
	Total	Upland <sup>2</sup>	Long staple <sup>3</sup>	Total	Cellulosic	Noncellulosic			
	(running bales)	(running bales)	(running bales)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)			
1978									
November (5 weeks).....	23,646	23,376	270	7,632	1,225	6,407	7,204	110,141	395
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360
November (4 weeks).....	25,072	24,771	301	7,099	1,495	5,604	6,799	141,228	390

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1978</b>			
November (5 weeks).....	66	58	301
October (4 weeks).....	67	65	297
September (5 weeks).....	64	63	283
August (4 weeks).....	63	63	278
July (4 weeks).....	63	63	279
June (5 weeks).....	62	60	289
May (4 weeks).....	65	60	291
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
<b>1977</b>			
December (5 weeks).....	73	72	309
November (4 weeks).....	70	71	311



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	NOVEMBER 1978 (OCT. 29 TO DEC. 2)		OCTOBER 1978 (OCT. 1 TO OCT. 28)		NOVEMBER 1977 (OCT. 30 TO NOV. 26)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	591,137	294,482	481,790	240,816	504,698	250,316
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	587,683	292,748	479,019	239,436	502,472	249,216
ALABAMA . . . . .	93,570	46,562	62,026	31,046	67,530	33,495
GEORGIA . . . . .	103,224	51,261	88,845	44,422	88,036	44,665
NORTH CAROLINA . . . . .	198,532	98,906	168,543	84,068	178,331	88,447
SOUTH CAROLINA . . . . .	145,393	72,497	121,512	60,826	133,812	66,366
TENNESSEE . . . . .	11,450	5,662	19,362	9,632	9,179	4,553
TEXAS . . . . .	5,861	2,968	4,480	2,280	4,929	2,445
VIRGINIA . . . . .	17,735	8,888	15,040	7,525	14,655	7,269
OTHER STATES. . . . .	11,918	6,004	9,211	4,637	6,000	2,976
NEW ENGLAND. . . . .	3,031	1,519	2,365	1,176	1,871	928
REST OF UNITED STATES. . . . .	423	215	406	204	355	172
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	584,394	291,106	476,894	238,366	500,002	248,001
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	32,121	15,728	28,289	14,140	35,002	17,361
1 INCH AND 1-1/32 INCH STAPLES. . . . .	166,674	82,747	121,502	60,722	134,137	66,532
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	342,772	170,724	287,976	143,778	288,218	142,956
STAPLES LONGER THAN 1-3/32 INCH . . . . .	29,761	14,904	25,806	12,932	27,165	13,474
STAPLES NOT SPECIFIED BY KIND . . . . .	13,066	7,003	13,321	6,794	15,480	7,678
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	6,177	3,092	14,456	7,229	3,817	1,893
FOREIGN COTTON, TOTAL. . . . .	566	284	1440	221	879	422
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	566	284	1440	221	846	406
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .					33	16
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	190,801	(X)	158,374	(X)	162,535
RAYON AND ACETATE . . . . .	(X)	30,622	(X)	29,307	(X)	30,170
NYLON . . . . .	(X)	14,934	(X)	9,627	(X)	8,507
ACRYLIC AND MODACRYLIC. . . . .	(X)	15,768	(X)	13,867	(X)	13,869
POLYESTER . . . . .	(X)	128,404	(X)	104,444	(X)	109,057
OTHER MANMADE FIBER . . . . .	(X)	1,073	(X)	1,129	(X)	932

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for November 1978; 20 for October 1978 and 20 for November 1977. <sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for November 1978; 29,712 for October 1978 and 26,105 for November 1977.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 2, 1978		OCTOBER 28, 1978		NOVEMBER 26, 1977	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,008,204	503,338	1,015,258	506,851	870,133	431,492
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,002,213	500,279	1,009,282	503,796	863,043	427,977
ALABAMA . . . . .	144,072	71,569	144,337	72,306	138,796	68,843
CALIFORNIA. . . . .	132,764	66,640	133,046	66,688	130,390	64,581
GEORGIA . . . . .	316,351	157,901	315,354	157,381	227,659	112,919
NORTH CAROLINA. . . . .	313,774	157,134	329,307	164,369	276,268	137,029
SOUTH CAROLINA. . . . .	59,132	29,003	54,606	26,793	56,639	28,093
TENNESSEE . . . . .	8,849	4,407	8,541	4,206	8,446	4,189
TEXAS . . . . .	20,565	10,279	18,921	9,493	18,724	9,287
VIRGINIA. . . . .	6,706	3,346	5,170	2,560	6,121	3,036
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	5,504	2,812	5,479	2,805	6,657	3,302
REST OF UNITED STATES. . . . .	487	247	497	250	433	215
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	992,853	495,732	998,883	498,706	854,117	423,642
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	14,151	6,953	14,898	7,343	10,272	5,095
FOREIGN COTTON, TOTAL. . . . .	1,200	653	1,477	802	5,744	2,757
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	1,200	653	1,309	726	5,659	2,716
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .			168	76	85	41
MANMADE FIBER STAPLE (1) . . . . .	(X)	110,141	(X)	107,775	(X)	121,529
RAYON AND ACETATE . . . . .	(X)	24,766	(X)	23,907	(X)	28,116
NYLON . . . . .	(X)	6,397	(X)	7,489	(X)	5,340
ACRYLIC AND MODACRYLIC. . . . .	(X)	11,347	(X)	10,173	(X)	9,573
POLYESTER . . . . .	(X)	66,730	(X)	65,180	(X)	77,679
OTHER MANMADE FIBER . . . . .	(X)	901	(X)	1,026	(X)	821

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 2, 1978	OCTOBER 28, 1978	NOVEMBER 26, 1977
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	6,195,869	5,313,546	9,207,244
BY AREA AND STATE:			
COTTON-GROWING STATES . . . . .	6,195,748	5,313,437	9,207,071
ALABAMA . . . . .	282,650	250,359	236,387
ARIZONA . . . . .	379,924	211,271	467,989
ARKANSAS . . . . .	535,656	467,175	660,596
CALIFORNIA . . . . .	895,880	417,867	1,448,754
GEORGIA . . . . .	211,576	197,806	166,156
LOUISIANA . . . . .	465,760	407,515	580,822
MISSISSIPPI . . . . .	1,070,580	1,024,672	1,109,833
MISSOURI . . . . .	179,779	176,021	202,944
NEW MEXICO (1) . . . . .	(D)	(D)	(1)
NORTH CAROLINA . . . . .	120,279	121,655	73,657
OKLAHOMA (1) . . . . .	(D)	(D)	(1)
SOUTH CAROLINA . . . . .	275,357	283,829	237,871
TENNESSEE . . . . .	(D)	(D)	(1)
TEXAS (1) . . . . .	1,362,217	1,409,119	3,567,772
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	416,090	346,148	454,290
NEW ENGLAND . . . . .	121	109	173
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	6,149,599	5,278,807	9,142,309
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	44,277	33,071	62,261
FOREIGN COTTON, TOTAL (2) . . . . .	1,993	1,668	2,674
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on December 2, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	NOVEMBER 1978 (OCT. 29, TO DEC. 2)	OCTOBER 1978 (OCT. 1 TO OCT. 28)	NOVEMBER 1977 (OCT. 30 TO NOV. 26)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	93,260	81,740	76,334
BLEACHERS:- RUNNING BALES . . . . .	DO	66,919	60,014	56,794
GROSS WEIGHT . . . . .	M. LBS.	42,183	37,038	(NA)
OTHER CONSUMERS . . . . .	RUN. BALES	26,341	21,726	19,540
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,721	3,665	3,071
ALL OTHER STATES . . . . .	DO	22,620	18,061	16,469
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	264,229	253,617	232,817
BLEACHERS:- RUNNING BALES . . . . .	DO	155,829	153,973	116,714
GROSS WEIGHT . . . . .	M. LBS.	96,143	95,115	(NA)
OTHER CONSUMERS . . . . .	RUN. BALES	30,955	29,107	32,387
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,940	3,668	4,116
ALL OTHER STATES . . . . .	DO	27,015	25,439	28,271
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	3,475	4,077	7,807
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,475	4,077	7,807
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	73,970	66,460	75,909

(NA) Not available.

<sup>1</sup>Estimated number of running bales based on information

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
NOVEMBER 1978 (OCTOBER 29 TO DECEMBER 2)				
UNITED STATES, TOTAL . . . . .	17,563	6,349	2,255	7,824
COTTON GROWING STATES . . . . .	17,292	6,314	2,202	7,810
ALABAMA . . . . .	1,780	825	136	736
GEORGIA . . . . .	2,118	1,012	144	827
NORTH CAROLINA . . . . .	5,894	2,448	837	2,249
SOUTH CAROLINA . . . . .	6,223	1,464	1,025	3,375
TENNESSEE . . . . .	412	276	(D)	103
TEXAS . . . . .	163	30	23	(D)
VIRGINIA . . . . .	521	131	(D)	(D)
OTHER STATES . . . . .	181	128	-	52
NEW ENGLAND . . . . .	271	35	53	14
REST OF UNITED STATES . . . . .				
OCTOBER 1978 (OCTOBER 1 TO OCTOBER 28)				
UNITED STATES, TOTAL . . . . .	17,581	6,330	2,259	7,830
COTTON GROWING STATES . . . . .	17,309	6,301	2,202	7,811
ALABAMA . . . . .	1,776	813	150	730
GEORGIA . . . . .	2,116	1,014	118	819
NORTH CAROLINA . . . . .	5,892	2,444	838	2,254
SOUTH CAROLINA . . . . .	6,243	1,476	1,035	3,382
TENNESSEE . . . . .	411	276	(D)	102
TEXAS . . . . .	163	30	24	(D)
VIRGINIA . . . . .	527	121	(D)	(D)
OTHER STATES . . . . .	181	127	(D)	53
NEW ENGLAND . . . . .	272	29	57	19
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
percent or more from previously published figures.

Revised by 5

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
NOVEMBER 1978 (OCTOBER 29 TO DECEMBER 2)				
UNITED STATES, TOTAL . . . . .	9,868	3,957	1,254	4,657
COTTON GROWING STATES . . . . .	9,832	3,947	1,231	4,654
ALABAMA . . . . .	1,002	541	86	375
GEORGIA . . . . .	1,035	579	59	397
NORTH CAROLINA . . . . .	3,339	1,576	466	1,297
SOUTH CAROLINA . . . . .	3,682	924	585	2,173
TENNESSEE . . . . .	270	167	(D)	(D)
TEXAS . . . . .	83	10	(D)	(D)
VIRGINIA . . . . .	315	74	(D)	(D)
OTHER STATES . . . . .	106	76	-	30
NEW ENGLAND . . . . .	36	10	23	3
REST OF UNITED STATES . . . . .				
OCTOBER 1978 (OCTOBER 1 TO OCTOBER 28)				
UNITED STATES, TOTAL . . . . .	8,126	3,272	1,067	3,787
COTTON GROWING STATES . . . . .	8,095	3,264	1,047	3,784
ALABAMA . . . . .	760	415	65	280
GEORGIA . . . . .	878	496	49	333
NORTH CAROLINA . . . . .	2,779	1,312	396	1,071
SOUTH CAROLINA . . . . .	3,038	779	508	1,751
TENNESSEE . . . . .	222	136	(D)	(D)
TEXAS . . . . .	70	8	(D)	(D)
VIRGINIA . . . . .	262	56	(D)	(D)
OTHER STATES . . . . .	86	62	-	24
NEW ENGLAND . . . . .	31	8	20	3
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
percent or more from previously published figures.

Revised by 5

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
NOVEMBER 1978 (OCTOBER 29 TO DECEMBER 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	591,137	414,430	136,872	39,835
STOCKS (2) . . . . .	BALES	1,008,204	725,354	208,495	74,355
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	190,801	118,470	41,997	30,334
STOCKS . . . . .	M LBS	110,141	63,136	28,053	18,952
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	30,622	17,361	7,632	5,629
STOCKS . . . . .	M LBS	24,766	13,108	7,591	4,067
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	160,179	101,109	34,365	24,705
STOCKS . . . . .	M LBS	85,375	50,028	20,462	14,885
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,563	12,271	3,889	1,403
ACTIVE SPINDLE . . . . .	THOUSANDS	16,428	11,478	3,663	1,287
HOURS OPERATED . . . . .	MILLIONS	9,863	6,921	2,207	740
OCTOBER 1978 (OCTOBER 1 TO OCTOBER 28)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	481,790	340,926	108,425	32,439
STOCKS (2) . . . . .	BALES	1,015,258	730,547	209,367	75,344
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	158,374	98,878	34,211	25,285
STOCKS . . . . .	M LBS	107,775	62,925	26,349	18,501
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	29,307	16,197	7,596	5,514
STOCKS . . . . .	M LBS	23,907	13,223	6,525	4,159
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	129,067	82,681	26,615	19,771
STOCKS . . . . .	M LBS	83,868	49,702	19,824	14,342
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,581	12,288	3,889	1,404
ACTIVE SPINDLE . . . . .	THOUSANDS	16,419	11,491	3,647	1,281
HOURS OPERATED . . . . .	MILLIONS	8,126	5,684	1,827	615

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for November 1978 and 20 for October 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, thousand pounds for linters and staple)

Country to which exported	October 1978	September 1978	Cotton season 3 months through October 1978
<b>COTTON</b>			
Total.....	283,114	388,282	1,195,205
Canada.....	22,059	21,016	59,056
India.....	-	-	-
United States.....	-	-	-
Indonesia.....	11,320	10,879	38,508
Republic of Philippines.....	9,552	7,835	28,905
Republic of Korea.....	50,659	70,399	278,556
China (Taiwan).....	22,400	29,763	96,175
Japan.....	52,593	67,318	205,843
Other countries.....	114,191	180,172	488,162
<b>LINTERS</b>			
Total.....	6,749	10,556	29,258
Canada.....	2,400	1,670	6,037
Mexico.....	303	2,812	6,749
United Kingdom.....	-	44	44
Federal Republic of Germany.....	-	2,930	4,062
Japan.....	1,606	3,034	8,803
Other countries.....	2,440	66	3,563
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	57,739	54,891	161,980
Canada.....	6,945	7,878	22,419
Brazil.....	129	395	655
United Kingdom.....	696	1,078	3,128
Netherlands.....	793	173	1,078
Belgium.....	2,379	2,904	9,376
Federal Republic of Germany.....	595	537	1,951
Switzerland.....	204	509	718
U.S.S.R.....	189	94	925
Hong Kong.....	1,652	1,603	5,364
Japan.....	2,327	1,666	4,717
Australia.....	1,430	2,414	5,160
Other countries.....	40,400	35,640	106,489

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550, linters, numbers 3003011 and 3003021, and manmade fiber staple, numbers 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	October 1978	September 1978	Cotton season 3 months through October 1978
<b>COTTON</b>			
Total.....	90	219	309
Mexico.....	90	-	90
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	219	219
<b>LINTERS</b>			
Total.....	8,654	4,510	15,623
Mexico.....	85	3,833	6,144
Brazil.....	172	218	623
Other countries.....	8,397	459	8,856
<b>MANMADE FIBER STAPLE AND ROW</b>			
Total.....	3,854	4,501	12,599
Canada.....	388	524	1,367
United Kingdom.....	47	65	559
France.....	1,535	517	2,701
Federal Republic of Germany.....	419	598	2,060
Austria.....	144	29	173
Switzerland.....	1	-	1
Italy.....	74	33	161
Japan.....	515	335	1,022
Other countries.....	731	2,400	4,555

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000, manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1978 79 forecast	1977 78 preliminary	1976 77
Supply.....	83.5	84.5	81.6
Stock, August 1.....	24.1	21.0	24.2
Production.....	59.4	63.5	57.4
Distribution.....	83.2	84.9	82.0
Consumption.....	61.9	60.8	61.0
Stocks, July 31.....	21.3	24.1	21.0
Difference <sup>1</sup> .....	-0.3	+0.4	+0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variation repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Service Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business on the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: O



hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

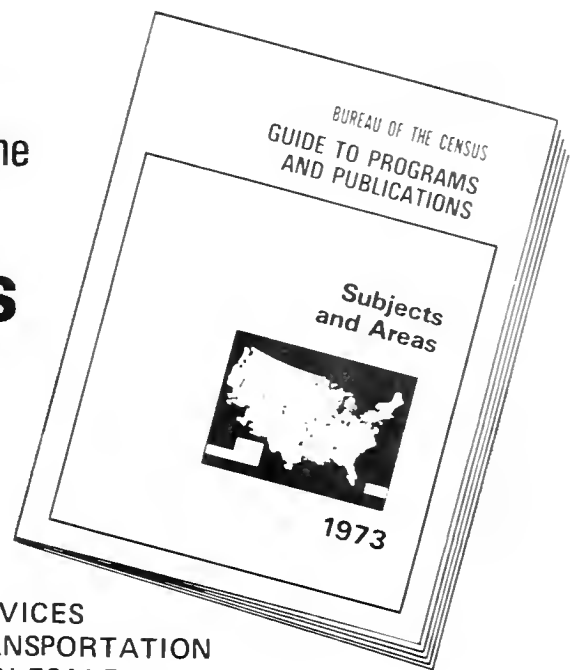
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# Consumption on the Cotton System

DECEMBER 1978

M22P(79)-5

Issued February 1979



U.S. Department of Commerce  
BUREAU OF THE CENSUS

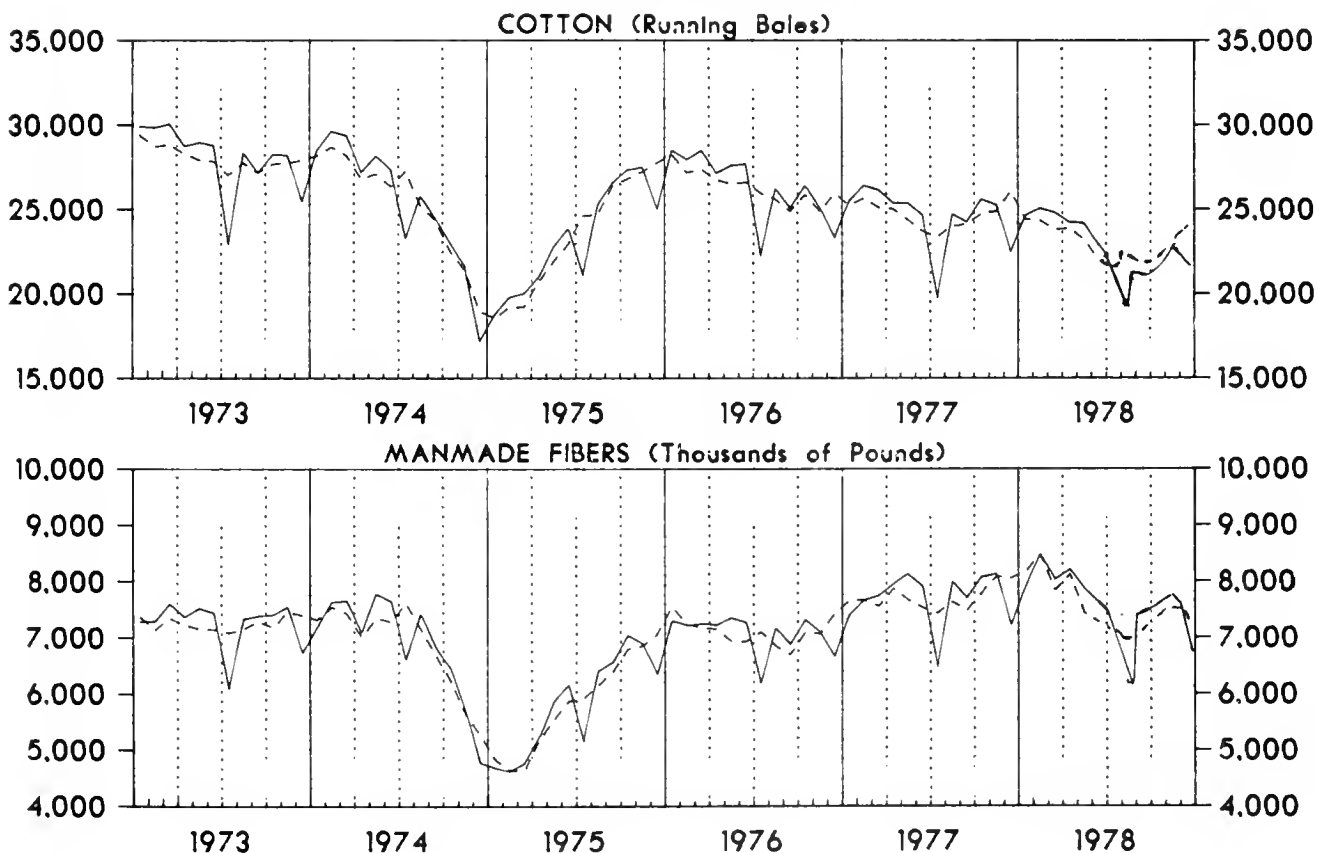
The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are included for companies whose reports were not received in time for tabulation. A more complete description of this survey

appears on page 12. An annual Current Industrial Report is published in this series. The annual report includes all the months of the current and previous years and incorporates all known revisions in the series.

THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1973 TO 1978  
(Based On 1967 Daily Average = 100)

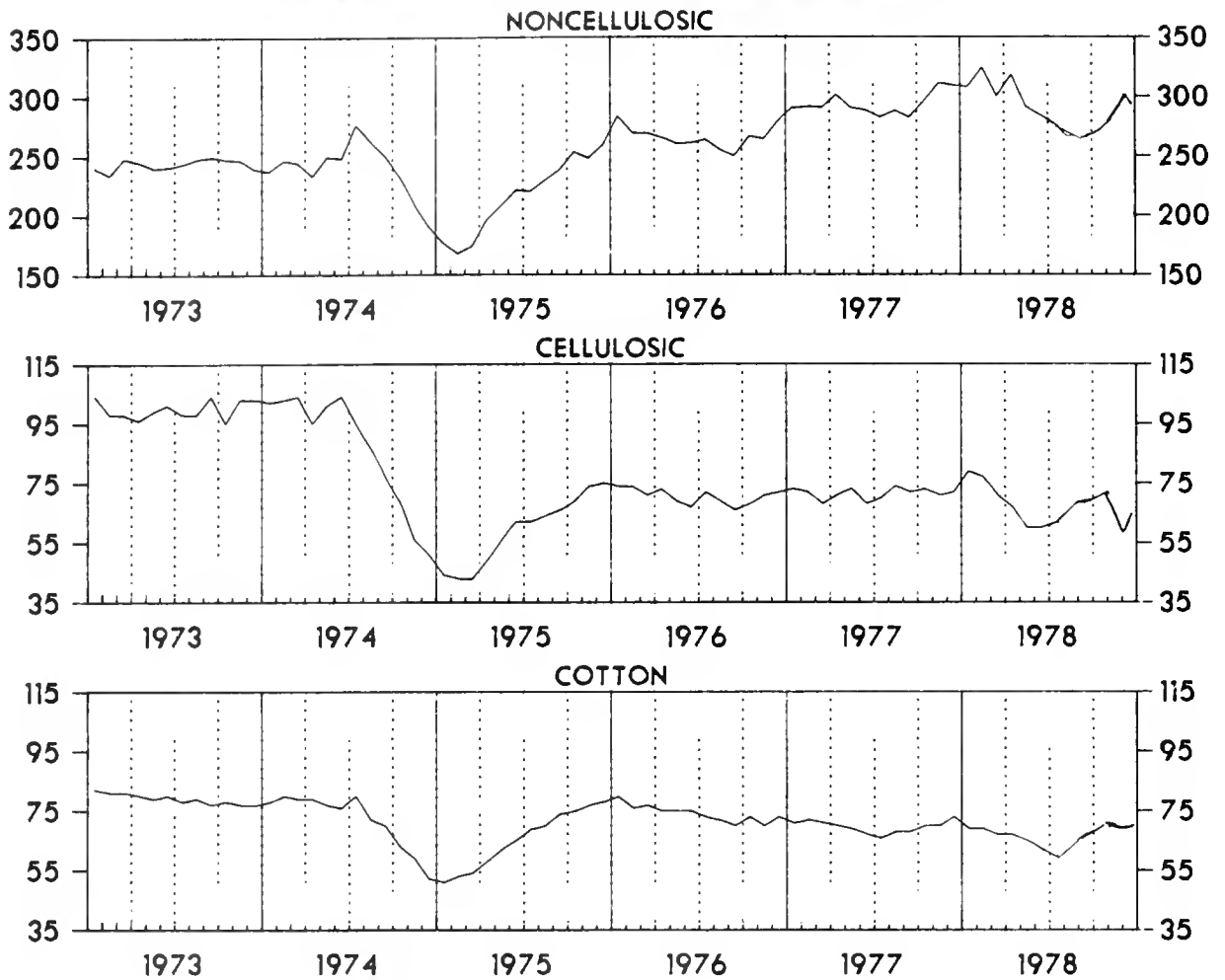


Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS

(Seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
December (4 weeks).....	24,436	24,199	237	7,569	1,351	6,218	5,789	114,264	415
November (5 weeks).....	23,594	23,336	258	7,704	1,285	6,419	5,535	109,912	393
October (4 weeks).....	23,609	23,377	232	7,642	1,383	6,259	7,111	103,930	392
September (5 weeks).....	22,601	22,368	233	7,315	1,344	5,971	8,879	105,935	379
August (4 weeks).....	22,400	22,152	248	7,198	1,341	5,857	8,368	105,502	383
July (4 weeks).....	22,375	22,113	262	7,228	1,346	5,882	8,489	105,447	375
June (5 weeks).....	22,096	21,852	244	7,374	1,274	6,100	7,551	111,748	386
May (4 weeks).....	23,211	22,959	252	7,431	1,284	6,147	7,354	122,368	391
April (4 weeks).....	23,869	23,592	277	8,122	1,419	6,703	7,209	122,739	405
March (5 weeks).....	23,803	23,532	271	7,829	1,505	6,324	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	24,992	24,763	229	8,046	1,534	6,512	7,251	115,709	415
November (4 weeks).....	25,008	24,779	229	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	25,080	24,824	256	7,791	1,547	6,244	7,973	120,899	400
September (5 weeks).....	24,040	23,784	256	7,482	1,526	5,956	7,014	121,087	386
August (4 weeks).....	24,105	23,856	249	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,030	22,763	267	7,423	1,483	5,940	4,658	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,812	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404
1976									
December (5 weeks).....	25,917	25,556	361	7,426	1,536	5,890	5,404	148,196	403

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, January 23, 1979. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS

(Not seasonally adjusted)

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1978									
December (4 weeks).....	21,975	21,779	196	6,793	1,197	5,596	8,962	114,493	371
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402
1976									
December (5 weeks).....	23,298	23,000	298	6,662	1,361	5,301	8,366	148,492	360

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1978			
December (4 weeks).....	69	64	295
November (5 weeks).....	67	61	304
October (4 weeks).....	67	65	297
September (5 weeks).....	64	63	283
August (4 weeks).....	63	63	278
July (4 weeks).....	63	63	279
June (5 weeks).....	62	60	289
May (4 weeks).....	65	60	291
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308
1977			
December (5 weeks).....	70	72	309



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 1978 (DEC. 3 TO DEC. 30)		NOVEMBER 1978 (OCT. 29 TO DEC. 2)		DECEMBER 1977 (NOV. 27 TO DEC. 31)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	439,513	219,773	595,235	296,842	561,890	281,129
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	436,966	218,463	591,780	295,108	559,215	279,776
ALABAMA . . . . .	58,595	29,212	92,324	45,967	80,931	40,388
GEORGIA . . . . .	75,078	37,525	103,264	51,254	100,429	50,215
NORTH CAROLINA . . . . .	152,793	76,417	199,347	99,414	192,051	96,170
SOUTH CAROLINA . . . . .	116,385	58,199	149,747	74,887	148,448	74,322
TENNESSEE . . . . .	8,304	4,105	11,661	5,773	9,944	4,970
TEXAS . . . . .	4,669	2,393	5,861	2,968	4,960	2,480
VIRGINIA . . . . .	12,234	6,128	17,735	8,888	13,962	6,981
OTHER STATES. . . . .	8,908	4,484	11,841	5,957	8,490	4,250
NEW ENGLAND. . . . .	2,309	1,190	3,032	1,519	2,427	1,224
REST OF UNITED STATES. . . . .	238	120	423	215	248	129
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	435,587	217,793	588,654	293,527	557,182	278,678
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	25,525	12,607	32,196	15,823	42,747	21,392
1 INCH AND 1-1/32 INCH STAPLES. . . . .	113,835	56,974	166,473	82,897	145,578	73,750
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	258,736	129,364	344,084	171,692	321,782	161,020
STAPLES LONGER THAN 1-3/32 INCH . . . . .	23,698	11,891	30,632	15,324	30,993	15,548
STAPLES NOT SPECIFIED BY KIND . . . . .	13,743	6,957	15,269	7,791	16,082	6,968
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	3,635	1,823	6,033	3,036	3,817	1,971
FOREIGN COTTON, TOTAL. . . . .	291	157	548	279	891	480
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	291	157	548	279	861	461
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .					30	19
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	135,846	(X)	193,757	(X)	180,488
RAYON AND ACETATE . . . . .	(X)	23,933	(X)	32,008	(X)	33,965
NYLON . . . . .	(X)	8,731	(X)	14,942	(X)	7,823
ACRYLIC AND MODACRYLIC. . . . .	(X)	9,630	(X)	16,378	(X)	16,567
POLYESTER . . . . .	(X)	92,636	(X)	129,366	(X)	120,992
OTHER MANMADE FIBER . . . . .	(X)	916	(X)	1,063	(X)	1,141

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for December 1978; 25 for November 1978 and 25 for December 1977. <sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for December 1978; 42,645 for November 1978 and 31,352 for December 1977.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 30, 1978		DECEMBER 2, 1978		DECEMBER 31, 1977	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,042,368	521,101	1,002,557	500,696	953,666	475,409
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	1,034,591	517,192	996,567	497,638	947,548	472,430
ALABAMA . . . . .	137,195	68,585	142,889	71,014	143,355	70,999
CALIFORNIA . . . . .	129,950	64,933	129,512	65,043	147,122	73,541
GEORGIA . . . . .	341,885	170,854	314,270	156,876	259,788	129,399
NORTH CAROLINA . . . . .	330,326	165,057	316,214	158,366	303,808	151,901
SOUTH CAROLINA . . . . .	54,311	27,077	57,583	28,301	54,246	26,985
TENNESSEE . . . . .	11,517	5,774	8,849	4,407	9,824	4,906
TEXAS . . . . .	21,451	10,906	20,565	10,279	21,545	10,770
VIRGINIA . . . . .	7,956	4,006	6,685	3,352	7,860	3,929
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	7,251	3,639	5,504	2,812	5,524	2,757
REST OF UNITED STATES . . . . .	526	270	486	246	594	222
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,028,201	514,080	986,879	492,853	938,015	467,471
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	13,187	6,485	14,473	7,188	11,774	5,899
FOREIGN COTTON, TOTAL . . . . .	980	536	1,205	655	3,877	2,039
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	980	536	1,205	655	3,842	2,013
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .					35	26
MANMADE FIBER STAPLE (1) . . . . .	(X)	114,493	(X)	108,813	(X)	115,940
RAYON AND ACETATE . . . . .	(X)	25,041	(X)	24,544	(X)	26,253
NYLON . . . . .	(X)	7,696	(X)	6,445	(X)	4,318
ACRYLIC AND MODACRYLIC . . . . .	(X)	11,208	(X)	10,994	(X)	9,436
POLYESTER . . . . .	(X)	69,654	(X)	65,921	(X)	75,481
OTHER MANMADE FIBER . . . . .	(X)	894	(X)	909	(X)	452

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 30, 1978	DECEMBER 2, 1978	DECEMBER 31, 1977
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	7,919,381	6,231,626	10,270,933
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	7,919,236	6,231,505	10,270,744
ALABAMA . . . . .	284,005	281,617	256,659
ARIZONA . . . . .	509,871	379,924	622,050
ARKANSAS . . . . .	501,069	535,656	601,782
CALIFORNIA . . . . .	1,167,737	930,605	1,717,230
GEORGIA . . . . .	219,481	210,426	191,279
LOUISIANA . . . . .	432,588	465,760	557,919
MISSISSIPPI . . . . .	1,023,091	1,070,580	1,026,227
MISSOURI . . . . .	152,177	178,773	179,882
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	115,469	117,982	91,993
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	281,641	274,634	272,148
TENNESSEE . . . . .	(1)	(1)	198,239
TEXAS . . . . .	2,692,997	1,369,458	4,138,931
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	539,110	416,090	416,405
NEW ENGLAND . . . . .	145	121	189
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	7,847,086	6,185,356	10,183,620
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	69,842	44,277	84,668
FOREIGN COTTON, TOTAL (2). . . . .	2,453	1,993	2,645
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on December 30, 1978 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	DECEMBER 1978 (DEC. 3, TO DEC. 30)	NOVEMBER 1978 (OCT. 29, TO DEC. 2)	DECEMBER 1977 (NOV. 27, TO DEC. 31)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	68,069	93,391	95,442
BLEACHERS:- RUNNING BALES . . . . .	DO	51,520	66,919	75,009
GROSS WEIGHT. . . . .	M. LBS.	31,704	42,183	46,673
OTHER CONSUMERS . . . . .	RUN. BALES	16,549	26,472	20,433
PACIFIC AND MOUNTAIN STATES. . . . .	DO	2,836	3,846	3,585
ALL OTHER STATES . . . . .	DO	13,713	22,626	16,848
STOCKS, TOTAL (END OF PERIOD). . . . .	RUN. BALES	280,570	265,606	269,489
BLEACHERS:- RUNNING BALES . . . . .	DO	165,049	155,829	141,868
GROSS WEIGHT. . . . .	M. LBS.	102,509	96,143	88,067
OTHER CONSUMERS . . . . .	RUN. BALES	30,600	30,476	33,080
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,553	3,841	4,130
ALL OTHER STATES . . . . .	DO	27,047	26,635	28,950
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	7,360	7,229	7,860
PACIFIC AND MOUNTAIN STATES. . . . .	DO	7,360	7,229	7,860
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	77,561	75,072	86,681

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Estimated number of running bales based on information.

TABLE 6. COTTON SYSTEM SPINDLES IN PLAC, ACTIVE, BY TYPE OF FIBER SPUN

(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACL	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
DECEMBER 1978 (OEC. 3 TO DEC. 30)				
UNITED STATES, TOTAL . . . . .	17,547	6,363	2,293	7,796
COTTON GROWING STATES . . . . .	17,275	6,323	2,235	7,787
ALABAMA. . . . .	1,778	829	139	736
GEORGIA. . . . .	2,115	1,007	130	844
NORTH CAROLINA . . . . .	5,878	2,460	854	2,233
SOUTH CAROLINA . . . . .	6,226	1,456	1,053	3,358
TENNESSEE. . . . .	413	284	(D)	96
TEXAS. . . . .	163	30	23	(D)
VIRGINIA . . . . .	521	129	(D)	(D)
OTHER STATES . . . . .	181	128	-	52
NEW ENGLAND . . . . .	272	40	58	9
REST OF UNITED STATES . . . . .				
NOVEMBER 1978 (OCT. 29 TO DEC.2)				
UNITED STATES, TOTAL . . . . .	17,566	6,374	2,285	7,789
COTTON GROWING STATES . . . . .	17,295	6,340	2,232	7,776
ALABAMA. . . . .	1,780	824	136	739
GEORGIA. . . . .	2,118	1,023	144	821
NORTH CAROLINA . . . . .	5,895	2,456	843	2,248
SOUTH CAROLINA . . . . .	6,225	1,472	1,049	3,345
TENNESSEE. . . . .	412	276	(D)	103
TEXAS. . . . .	163	30	23	(D)
VIRGINIA . . . . .	521	131	(D)	(D)
OTHER STATES . . . . .	181	128	-	52
NEW ENGLAND . . . . .	271	34	53	13
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
DECEMBER 1978 (DEC. 3 TO DEC. 30)				
UNITED STATES, TOTAL . . . . .	7,416	2,968	980	3,468
COTTON GROWING STATES . . . . .	7,386	2,959	961	3,466
ALABAMA. . . . .	760	405	61	294
GEORGIA. . . . .	795	425	44	326
NORTH CAROLINA . . . . .	2,414	1,175	327	912
SOUTH CAROLINA . . . . .	2,876	718	506	1,652
TENNESSEE. . . . .	184	118	(D)	(D)
TEXAS. . . . .	51	7	(D)	(D)
VIRGINIA . . . . .	221	50	(D)	(D)
OTHER STATES . . . . .	85	61	-	24
NEW ENGLAND . . . . .	30	9	19	2
REST OF UNITED STATES . . . . .				
NOVEMBER 1978 (OCT. 29 TO DEC. 2)				
UNITED STATES, TOTAL . . . . .	9,969	4,033	1,280	4,656
COTTON GROWING STATES . . . . .	9,933	4,023	1,257	4,653
ALABAMA. . . . .	1,008	545	86	377
GEORGIA. . . . .	1,040	575	61	404
NORTH CAROLINA . . . . .	3,385	1,623	469	1,293
SOUTH CAROLINA . . . . .	3,729	954	608	2,167
TENNESSEE. . . . .	265	164	(D)	(D)
TEXAS. . . . .	83	10	(D)	(D)
VIRGINIA . . . . .	315	74	(D)	(D)
OTHER STATES . . . . .	108	78	-	30
NEW ENGLAND . . . . .	36	10	23	3
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
DECEMBER 1978 (OEC. 3 TO DEC. 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	439,513	319,294	91,729	28,490
STOCKS (2) . . . . .	BALES	1,042,368	753,809	219,361	69,198
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	135,846	87,288	28,146	20,412
STOCKS . . . . .	M LBS	114,493	65,651	29,110	19,732
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	23,933	13,718	5,764	4,451
STOCKS . . . . .	M LBS	25,041	13,743	7,540	3,758
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	111,913	73,570	22,382	15,961
STOCKS . . . . .	M LBS	89,452	51,908	21,570	15,974
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,547	12,246	3,897	1,404
ACTIVE SPINDLE . . . . .	THOUSANDS	16,452	11,471	3,675	1,306
HOURS OPERATED . . . . .	MILLIONS	7,416	5,275	1,602	539
NOVEMBER 1978 (OCT. 29 TO DEC. 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	595,235	417,658	137,774	39,803
STOCKS (2) . . . . .	BALES	1,002,557	724,069	205,471	73,017
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	193,757	120,455	42,454	30,848
STOCKS . . . . .	M LBS	108,813	62,231	27,943	18,639
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	32,008	18,353	7,762	5,893
STOCKS . . . . .	M LBS	24,544	12,831	7,585	4,128
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	161,749	102,102	34,692	24,955
STOCKS . . . . .	M LBS	84,269	49,400	20,358	14,511
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,566	12,272	3,891	1,403
ACTIVE SPINDLE . . . . .	THOUSANDS	16,448	11,485	3,684	1,279
HOURS OPERATED . . . . .	MILLIONS	9,969	6,973	2,263	733

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for December 1978 and 25 for November 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, thousand pounds for linters and staple)

Country to which exported	November 1978	October 1978	Cotton season 4 months through November 1978
<b>COTTON</b>			
Total.....	355,219	283,114	1,550,424
Canada.....	15,007	22,059	74,063
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	11,375	11,320	49,883
Republic of Philippines.....	7,330	9,552	36,235
Republic of Korea.....	84,880	50,659	363,436
China-Taiwan.....	20,054	22,400	116,229
Japan.....	92,041	52,593	297,884
Other countries.....	124,532	114,531	612,694
<b>LINTERS</b>			
Total.....	6,120	6,749	35,378
Canada.....	2,385	2,400	8,422
Mexico.....	740	303	7,489
United Kingdom.....	112	-	156
Federal Republic of Germany.....	396	-	4,458
Japan.....	1,866	1,606	10,669
Other countries.....	621	2,440	4,184
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	52,684	57,739	214,664
Canada.....	7,242	6,945	29,661
Brazil.....	688	129	1,343
United Kingdom.....	1,734	696	4,862
Netherlands.....	596	793	1,674
Belgium.....	2,327	2,379	11,703
Federal Republic of Germany.....	673	595	2,624
Switzerland.....	407	204	1,125
U.S.S.R.....	663	189	1,588
Hong Kong.....	2,602	1,652	7,966
Japan.....	3,160	2,327	7,877
Australia.....	1,864	1,430	7,024
Other countries.....	30,728	40,400	137,217

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	November 1978	October 1978	Cotton season 4 months through November 1978
<b>COTTON</b>			
Total.....	-	90	309
Mexico.....	-	90	90
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	219
<b>LINTERS</b>			
Total.....	4,264	8,654	19,887
Mexico.....	3,135	85	9,279
Brazil.....	-	172	623
Other countries.....	1,129	8,397	9,985
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	4,774	3,854	15,373
Canada.....	392	388	1,759
United Kingdom.....	209	47	768
France.....	8	1,535	2,709
Federal Republic of Germany.....	933	419	2,993
Austria.....	61	144	234
Switzerland.....	-	1	1
Italy.....	29	74	190
Japan.....	194	515	1,216
Other countries.....	948	731	5,503

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000, manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1977 '78 forecast	1977 '78 preliminary	1976 '77
Supply.....	83.5	84.5	81.6
Stock, August 1.....	24.1	21.0	24.2
Production.....	59.4	63.5	57.4
Distribution.....	83.2	84.9	82.0
Consumption.....	61.9	60.8	61.0
Stocks, July 31.....	21.3	24.1	21.0
Difference <sup>1</sup> .....	-0.3	+0.4	+0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are “imputed” from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

REPORTING CALENDAR

1978

Month	Number of weeks in period	Period covered
January	4	January 1 - January 28
February	4	January 29 - February 25
March	5	February 26 - April 1
April	4	April 2 - April 29
May	4	April 30 - May 27
June	5	May 28 - July 1
July	4	July 2 - July 29
August	4	July 30 - August 26
September	5	August 27 - September 30
October	4	October 1 - October 28
November	5	October 29 - December 2
December	4	December 3 - December 30

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On



hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

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An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

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<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

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Subject Area	Contact	Phone Number
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3. 158:

M 22 P (78) -13

# Consumption on the Cotton System

Summary for Cotton Season 1977-1978

U.S. Department of Commerce  
BUREAU OF THE CENSUS

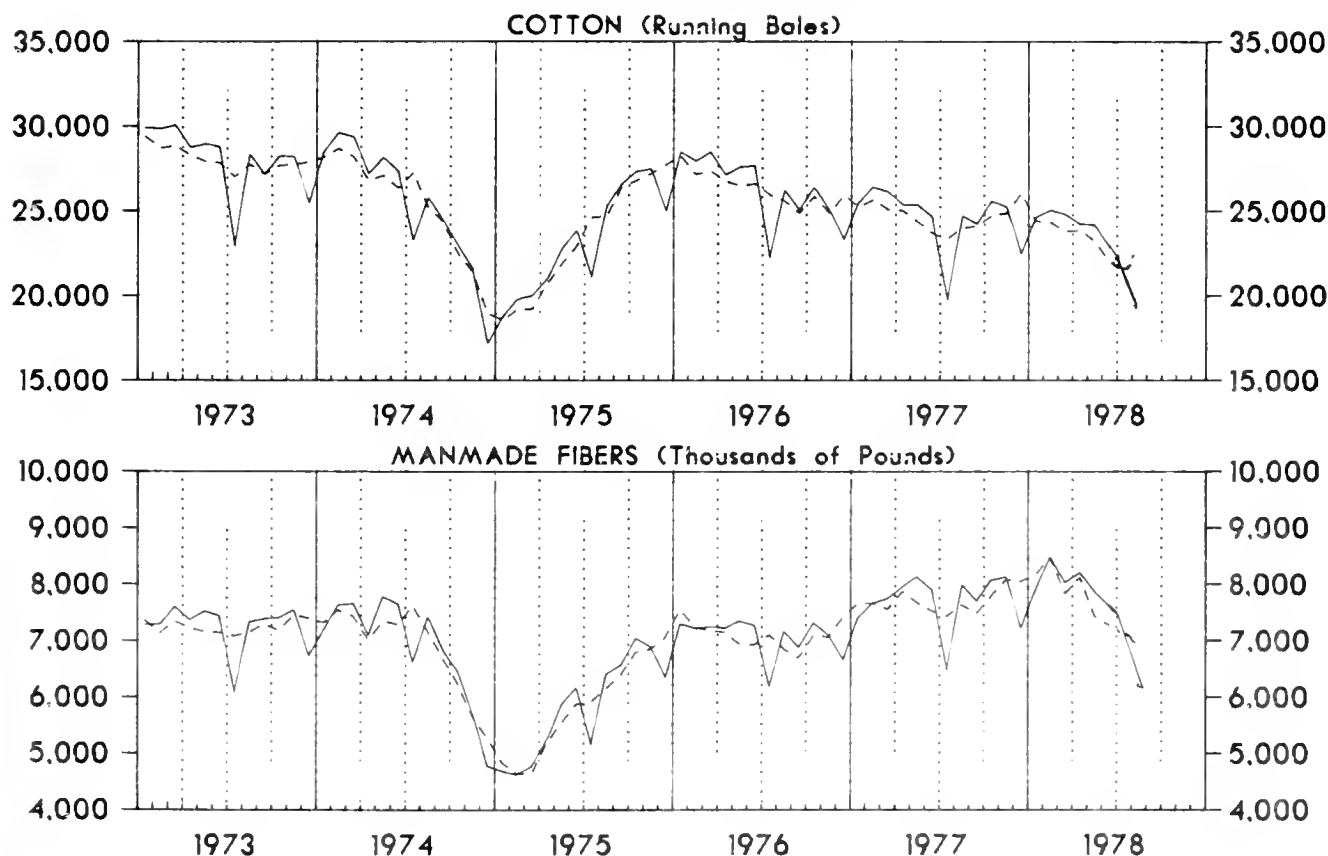
M22P-13 (78)  
Issued December 1978

## SUMMARY OF FINDINGS

Total cotton consumption for the cotton season of 1977-1978 decreased 4 percent over the consumption of cotton

for the 1976-1977 cotton season and consumption of manmade fiber staple increased 5 percent over the 1976-1977 cotton season. However, at the same time stocks of cotton increased by 49 percent.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1. STOCKS OF COTTON AND CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE: 1970 TO 1978

Date	Index of cotton consumption, seasonally adjusted <sup>1</sup>	Total cotton consumption (running bales)	Average per working day (running bales)	Total cotton stocks, end of year (running bales)	Consumption of manmade fiber staple (1,000 pounds)
Year ending August 1, 1978.....	63	6,216,803	23,911	4,926,394	2,025,548
Year ending August 1, 1977.....	66	6,477,724	24,914	2,845,005	1,913,183
Year ending August 1, 1976.....	73	6,964,529	26,787	3,444,008	1,800,876
Year ending August 1, 1975.....	72	5,603,789	21,602	5,205,714	1,462,602
Year ending August 1, 1974.....	79	7,149,887	27,559	3,543,143	1,902,060
Year ending August 1, 1973.....	81	7,568,235	28,749	3,578,985	1,853,040
Year ending August 1, 1972.....	88	8,009,715	30,807	3,154,033	1,588,163
Year ending August 1, 1971.....	82	8,067,768	31,037	3,851,900	1,397,736
Year ending August 1, 1970.....	94	7,964,642	30,633	5,400,461	1,453,620

Note: Domestic cotton in running bales, foreign cotton in equivalent 500-pound bales.

<sup>1</sup>Index of cotton consumption adjusted for seasonal variation (1969 through 1974=base, 1967=100, 1967 and 1968=base, 1957-59=100).

Table 2. SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1977-1978

(Running bales, except that imported cotton is in equivalent 500-pound gross weight bales)

Supply and distribution	Number of bales	Supply and distribution	Number of bales
SUPPLY		SUPPLY--Continued	
Stocks, July 30, 1977, total <sup>1</sup> .....	2,920,005	Aggregate supply.....	17,001,679
In consuming establishments.....	1,054,253		
In public storage and at compresses.....	1,790,752		
Elsewhere (partially estimated) <sup>2</sup> .....	75,000		
		DISTRIBUTION	
Net imports of foreign cotton.....	5,430	Total exports.....	5,219,153
Total imports for consumption.....	5,430	Consumption, adjusted to calendar year.....	6,235,878
Less: Re-exports (other than withdrawals from bond for export).....	-	Stocks, July 29, 1978, total <sup>1</sup> .....	5,326,394
Ginnings, crop of 1977 during crop year 1977-1978.....	13,932,453	In consuming establishments.....	1,119,877
Total ginnings, crop of 1977.....	14,017,919	In public storage and at compresses.....	3,806,517
Less: Ginnings prior to August 1, 1977.....	85,466	Elsewhere (partially estimated) <sup>2</sup> .....	400,000
Ginnings, prior to August 1, 1978, crop of 1978.....	143,791	Aggregate distribution.....	16,781,425
		Excess of reported supply over distribution.....	220,254

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

Table 3. SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1977-1978

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>	Supply and distribution	Number of bales <sup>1</sup>
SUPPLY		DISTRIBUTION	
Stocks, July 30, 1977.....	279,426	Exports.....	238,856
In consuming establishments.....	202,341	Consumption.....	970,460
In public storage.....	17,301	Stocks, July 29, 1978, total.....	281,513
In oil mills.....	58,784	In consuming establishments.....	205,192
Elsewhere (partially estimated).....	1,000	In public storage.....	6,247
Imports.....	50,267	In oil mills.....	69,074
Total imports for consumption.....	50,267	Elsewhere (partially estimated).....	1,000
Less: Re-exports.....	-	Aggregate distribution.....	1,490,829
Production.....	1,173,914	Excess of reported supply over distribution.....	12,778
Aggregate supply.....	1,503,607		

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600-pound gross weight bales; other imports in 500-pound gross weight bales; other figures in running bales.

Table 4A. CONSUMPTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES, BY MONTHS: SEASON OF 1977-1978

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Reporting period (month)	Index of cotton consumption, seasonally adjusted <sup>1</sup>	Average per working day <sup>2</sup>	Cotton		
			Total	Domestic	Foreign
Total, year ending July 29, 1978...	(X)	23,911	6,216,803	6,205,105	11,698
August (4 weeks) 1977.....	68	24,687	493,749	492,349	1,400
September (5 weeks).....	68	24,230	605,760	603,764	1,996
October (4 weeks).....	70	25,590	511,805	510,357	1,448
November (4 weeks).....	70	25,235	504,698	503,819	879
December (5 weeks).....	73	22,476	561,890	560,999	891
January (4 weeks) 1978.....	69	24,629	492,583	491,465	1,118
February (4 weeks).....	69	25,042	500,850	500,027	823
March (5 weeks).....	67	24,790	619,750	618,550	1,200
April (4 weeks).....	67	24,213	484,267	483,428	839
May (4 weeks).....	65	24,173	483,460	482,903	557
June (5 weeks).....	62	22,984	574,618	574,354	264
July (4 weeks).....	63	19,169	383,373	383,090	283

(X) Not applicable.

<sup>1</sup>Index of cotton consumption adjusted for seasonal variations (1967=100).<sup>2</sup>Based on 20 workdays in 4-week periods and 25 workdays in 5-week periods.

Table 4B. CONSUMPTION OF AMERICAN UPLAND COTTON, BY STAPLE LENGTH, BY MONTHS: SEASON OF 1977-1978

(Running bales)

Reporting period (month)	Total	Staples less than 1" in length	1" and 1-1 3/2" staples	1-1 1/2" and 1-1 3/2" staples	Staples larger than 1-3 3/2"	Staples not specified by kind
Total, year ending July 29, 1978.....	6,151,102	436,905	1,609,614	3,604,971	339,633	159,979
August (4 weeks) 1977.....	488,599	36,825	129,816	285,419	25,720	10,819
September (5 weeks).....	599,365	48,329	160,105	344,905	32,016	14,010
October (4 weeks).....	506,376	37,881	134,127	293,313	28,200	12,855
November (4 weeks).....	500,002	35,002	134,137	288,218	27,165	15,480
December (5 weeks).....	557,182	42,747	145,578	321,782	30,993	16,082
January (4 weeks) 1978....	487,186	35,416	125,630	285,764	25,728	14,648
February (4 weeks).....	495,288	36,010	128,406	291,042	27,338	12,492
March (5 weeks).....	612,996	40,104	168,649	357,205	32,276	14,762
April (4 weeks).....	478,929	32,575	123,020	287,333	25,873	10,128
May (4 weeks).....	478,008	31,270	123,098	284,032	26,857	12,751
June (5 weeks).....	568,158	36,968	141,609	338,573	35,201	15,807
July (4 weeks).....	379,013	23,778	95,439	227,385	22,266	10,145

Table 5. STOCKS OF COTTON IN CONSUMING ESTABLISHMENTS AND IN PUBLIC WAREHOUSES AND COMPRESSES  
IN THE UNITED STATES: SEASON OF 1977-1978

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Date	Total <sup>1</sup>	In consuming establishments			In warehouses and compresses		
		Total	Domestic cotton	Foreign cotton	Total	Domestic cotton	Foreign cotton
August 27, 1977.....	2,258,848	492,660	478,670	3,990	1,776,188	1,773,211	2,977
October 1, 1977.....	3,080,787	439,527	435,833	3,694	2,641,260	2,638,152	3,108
October 29, 1977.....	6,674,780	414,150	411,054	3,096	6,260,630	6,257,626	3,004
November 26, 1977.....	9,638,738	431,494	428,737	2,757	9,207,244	9,204,570	2,674
December 31, 1977.....	11,224,599	953,666	949,789	3,877	10,270,933	10,268,288	2,645
January 28, 1978.....	10,575,144	936,620	933,463	3,157	9,638,524	9,634,275	4,249
February 25, 1978.....	9,674,274	954,873	952,228	2,645	8,719,401	8,713,865	5,536
April 1, 1978.....	8,415,256	1,012,321	1,010,128	2,193	7,402,935	7,397,865	5,070
April 29, 1978.....	7,303,660	1,045,007	1,043,376	1,631	6,318,653	6,314,140	4,513
May 27, 1978.....	6,412,808	1,095,239	1,094,042	1,197	5,317,569	5,313,086	4,483
July 1, 1978.....	5,520,496	1,106,206	1,104,921	1,285	4,414,290	4,410,557	3,733
July 29, 1978.....	4,926,394	1,119,877	1,117,922	1,955	3,806,517	3,802,962	3,555

<sup>1</sup>Excludes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

Table 6. CONSUMPTION AND STOCKS OF AMERICAN-PIMA AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1977-1978

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Type of cotton	Consumption		Stocks held in--			
	Jan. 29, 1978 to July 29, 1978	July 31, 1977 to Jan. 28, 1978	Consuming establishments		Public warehouses and compresses	
			July 29, 1978	Jan. 28, 1978	July 29, 1978	Jan. 28, 1978
American-Pima cotton <sup>1</sup> .....	29,960	23,286	13,315	10,407	49,138	86,630
Foreign cotton, total.....	3,966	7,469	1,955	3,157	3,555	4,249
Staple length 1-1 8" or more.....	3,966	7,469	1,955	3,157	(D)	(D)
Staple length under 1-1 8".....					(D)	(D)

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes Sea Island and other domestic cotton which accounted for less than 1 percent of the total.



Table 7. CONSUMPTION OF MANMADE FIBER STAPLE, BY MONTH, AUGUST 1977-JULY 1978

(Thousands of pounds)

Reporting period (month)	Index of manmade fiber staple consumption, seasonally adjusted <sup>1</sup>		Total <sup>2</sup>	Rayon and/or acetate	Nylon	Acrylic	Polyester	Other man- made fiber staple
	Cellulosic	Non- cellulosic						
Total, year ending July 29, 1978.....	(X)	(X)	2,025,548	385,408	100,787	191,764	1,335,321	12,268
August 1977 (4 weeks).....	74	288	159,663	32,221	8,781	15,957	101,899	805
September 1977 (5 weeks)...	72	282	192,378	39,001	7,997	18,002	125,330	1,048
October 1977 (4 weeks)....	73	296	161,511	32,761	7,455	15,415	104,925	955
November 1977 (4 weeks)...	71	311	162,535	30,170	8,507	13,869	109,057	932
December 1977 (5 weeks)...	72	309	180,488	33,965	7,823	16,567	120,992	1,141
January 1978 (4 weeks)....	79	308	157,983	32,644	6,962	13,518	103,779	1,080
February 1978 (4 weeks)...	77	324	169,359	32,744	7,156	16,535	111,571	1,353
March 1978 (5 weeks).....	71	300	200,737	38,371	8,660	18,464	134,182	1,060
April 1978 (4 weeks).....	67	318	164,111	28,445	9,198	16,786	108,678	1,004
May 1978 (4 weeks).....	60	291	157,327	27,635	9,281	15,130	104,282	999
June 1978 (5 weeks).....	60	289	193,280	34,681	11,675	19,017	126,779	1,128
July 1978 (4 weeks).....	63	279	126,176	22,770	7,292	12,504	82,847	763

(X) Not applicable.

<sup>1</sup>Index of manmade fiber staple consumption adjusted for seasonal variation (1967-100).<sup>2</sup>Consumption of manmade fiber staple is only for those mills with cotton system spindles. Consumption in woolen mills is published in monthly Current Industrial Reports Series M22B, "Consumption on the Woolen Systems and Worsted Combing."

Table 8. STOCKS OF MANMADE FIBER STAPLE, BY MONTH, AUGUST 1977-JULY 1978

(Thousands of pounds)

Inventory date	Total <sup>1</sup>	Rayon and/or acetate	Nylon	Acrylic	Polyester	Other manmade fiber staple
August 27, 1977.....	133,927	31,183	4,991	11,090	86,088	575
October 1, 1977.....	131,501	32,304	5,248	9,829	83,312	808
October 29, 1977.....	125,372	29,308	4,800	10,145	80,419	700
November 26, 1977.....	121,529	28,116	5,340	9,573	77,679	821
December 31, 1977.....	115,940	26,253	4,318	9,436	75,481	452
January 28, 1978.....	117,551	25,791	4,758	10,182	76,339	481
February 25, 1978.....	122,673	25,428	5,596	11,688	79,309	652
April 1, 1978.....	122,851	25,340	6,184	11,700	79,002	625
April 19, 1978.....	117,707	23,239	8,011	12,731	72,900	826
May 27, 1978.....	116,861	22,960	7,087	11,533	74,336	945
July 1, 1978.....	110,742	22,902	6,394	10,509	70,202	735
July 29, 1978.....	110,298	24,337	6,959	10,214	67,948	840

<sup>1</sup>Stocks are only for mills with cotton system spindles.

Table 9. CONSUMPTION OF LINTERS BY TYPE OF CONSUMER, IN THE UNITED STATES: SEASON OF 1977-1978

Reporting period (month)	(Running bales)				
	Total	Bleachers	Other consumers		
			Total	Pacific and Mountain States	All other States
Total, year ending July 29, 1978...	970,460	713,613	256,847	42,845	214,002
August (4 weeks) 1977.....	61,434	39,426	22,008	3,674	18,334
September (5 weeks).....	101,370	74,824	26,546	4,567	21,979
October (4 weeks).....	82,420	61,440	20,980	3,300	17,680
November (4 weeks).....	76,334	56,794	19,540	3,071	16,469
December (5 weeks).....	95,442	75,009	20,433	3,585	16,848
January (4 weeks) 1978.....	71,098	53,981	17,117	3,010	14,107
February (4 weeks).....	79,554	60,376	19,178	3,214	15,964
March (5 weeks).....	95,520	69,403	26,117	4,249	21,868
April (4 weeks).....	79,651	58,320	21,331	3,581	17,750
May (4 weeks).....	82,053	60,376	21,677	3,304	18,373
June (5 weeks).....	96,204	71,433	24,771	4,149	20,622
July (4 weeks).....	49,380	32,231	17,149	3,141	14,008

Table 10. STOCKS OF LINTERS BY TYPE OF ESTABLISHMENTS IN THE UNITED STATES: SEASON OF 1977-1978

(Number of running bales)									
Period	All establishments, total	Consuming establishments					Public storage and compresses		Oil mills <sup>2</sup>
		Total	Bleachers	Other consumers			Total	Pacific and Mountain <sup>1</sup>	
				Total	Pacific and Mountain States	All other States			
August 27, 1977.....	259,884	195,040	156,372	38,668	4,817	33,851	14,659	14,659	50,185
October 1, 1977.....	211,621	154,297	120,078	34,219	4,501	29,718	9,350	9,350	47,974
October 29, 1977.....	215,119	139,263	107,351	31,912	4,294	27,618	8,499	8,499	67,357
November 26, 1977.....	232,817	149,101	116,714	32,387	4,116	28,271	7,807	7,807	75,909
December 31, 1977.....	269,489	174,948	141,868	33,080	4,130	28,950	7,860	7,860	86,681
January 28, 1978.....	281,471	169,110	136,012	33,098	4,084	29,014	7,901	7,901	104,460
February 25, 1978.....	293,403	176,322	141,105	35,217	4,017	31,200	9,217	9,217	107,864
April 1, 1978.....	296,369	182,969	149,199	33,770	4,360	29,410	10,473	10,473	102,927
April 29, 1978.....	303,159	192,593	158,175	34,418	4,619	29,799	10,838	10,838	99,728
May 27, 1978.....	279,311	188,205	155,460	32,745	4,335	28,410	9,290	9,290	81,816
July 1, 1978.....	269,783	187,446	153,103	34,343	4,300	30,043	5,804	5,804	76,533
July 29, 1978.....	280,513	205,192	169,674	35,518	4,213	31,305	6,247	6,247	69,074

<sup>1</sup>Includes all other States.<sup>2</sup>Oil mill stocks in estimated running bales based on information reported in pounds.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M-22N, Cotton and Linters in Public Storage and Compresses, and M-22P, Cotton, Manmade Fiber Staple, and Raw Linters.

This report summarized the consumption and stocks data published monthly in the Current Industrial Reports Series M22P, Cotton, Manmade Fiber Staple, and Linters—Consumption and Stocks, and Spindle Activity. A tabulation of the annual reports submitted by respondents who are excluded from the monthly mailing panel did not show any significant differences compared to the monthly estimates. As a result, no revisions have been made to the monthly figures previously published in this series.

**Survey Error**—Figures for each month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

### REPORTING CALENDAR

1977-1978

Cotton Season

Month	Number of weeks in period	Period covered
August	4	July 31, 1977-Aug. 27, 1977
September	5	Aug. 28, 1977-Oct. 1, 1977
October	4	Oct. 2, 1977-Oct. 29, 1977
November	4	Oct. 30, 1977-Nov. 26, 1977
December	5	Nov. 27, 1977-Dec. 31, 1977
January	4	Jan. 1, 1978-Jan. 28, 1978
February	4	Jan. 29, 1978-Feb. 25, 1978
March	5	Feb. 26, 1978-April 1, 1978
April	4	April 2, 1978-April 29, 1978
May	4	April 30, 1978-May 27, 1978
June	5	May 28, 1978-July 1, 1978
July	4	July 2, 1978-July 29, 1978

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

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# Consumption on the Cotton System

## Seasonal Adjustment Supplement 1973-1978

M22P Supplement  
Issued March 1979



U.S. Department of Commerce  
BUREAU OF THE CENSUS

This report presents seasonally adjusted data for the years 1973 to 1978 for a number of the more important series published monthly in Current Industrial Reports Series M22P, **Cotton, Manmade Fiber Staple, and Linters**. The data for the years 1970 to 1972 were excluded from this publication because there were no significant changes. These data are available in the M22P Seasonal Adjustment Supplement published in March 1976.

The seasonal adjustment program largely eliminates the effect of normal seasonal variations (including variations due to vacations, weather, etc.) as measured over the time period for which data were used. The resulting information thus provides a better measure than the original data of the month-to-month variations which are due to factors that are not associated with repetitive seasonal pattern.

The seasonal adjustments were made using the X-11 variant of the Census Bureau's seasonal adjustment program. This program is amply described in the literature on this method.<sup>1</sup> It should be noted that the data included in this report are adjusted on an establishment basis, prior to tabulation for variation in the length of the reporting period such as 4-week, 5-week, or calendar month.

For each series included in this report the following data are shown:

1. Seasonally-adjusted data
2. Data without seasonal adjustment (original series)
3. Seasonal adjustment factors. The seasonally-adjusted data are obtained by dividing the unadjusted data by the seasonal factors for the specific month
4. Average percentage changes and related measures for each series.

<sup>1</sup> *Electronic Computers and Business Indicators*, National Bureau of Economic Research Occasional Paper 57 (New York, 1957); *Tests and Revisions of Bureau of the Census Methods of Seasonal Adjustments*, Bureau of the Census Technical Paper No. 5 (Washington, 1961, \$1.00); *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Bureau of the Census Technical Paper No. 15 (Washington, 1967, \$0.50).

The seasonally adjusted data were developed for each of the detailed series shown. Adjusted data for the summary totals are obtained by summarizing the adjusted lower order totals to higher levels. The seasonal factors for these higher level totals are implied factors developed by dividing the unadjusted data by the adjusted data and will differ somewhat from that which would have been obtained by direct seasonal adjustment of the data.

### BRIEF DEFINITIONS OF MEASURES SHOWN IN TABLE 4

The following are brief definitions; more complete explanations appear in *Electronic Computers and Business Indicators*, by Julius Shiskin, issued as Occasional Paper 57 by the National Bureau of Economic Research, 1957 (reprinted from *Journal of Business*, October 1957).

$\overline{CI}$  is the average month-to-month percentage change, without regard to sign, in the seasonally adjusted series (i.e., the series after adjustment for measurable seasonal, trading-day, and holiday variations).

$\overline{I}$  is the same for the irregular component, obtained by dividing the cyclical component into the seasonally adjusted series.

$\overline{C}$  is the same for the cyclical component, a smooth, flexible moving average of the seasonally adjusted series.

$I/C$  is a measure of the relative smoothness (small values) or irregularity (large values) of the seasonally adjusted series. It is shown for 1-month spans and for spans of the period of MCD. When MCD is "6," no  $I/C$  ratio is shown for the MCD period.

Months for Cyclical Dominance (MCD) provides an estimate of the appropriate time span over which to observe cyclical movements in a monthly series. It is small for smooth series and large for irregular series. In deriving MCD, percentage changes are computed separately for the irregular component and the cyclical component over 1-month spans (Jan.-Feb.,

Table 1. UPLAND COTTON CONSUMPTION, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES--RUNNING BALES												
1973.....	28,962	28,639	28,445	28,140	27,703	27,361	27,015	27,173	26,979	27,250	27,251	27,498
1974.....	27,745	28,409	27,704	26,831	26,615	26,129	27,310	24,826	24,337	22,156	20,979	18,661
1975.....	18,094	18,909	19,103	20,654	21,689	22,876	24,782	24,304	26,600	25,969	26,814	27,074
1976.....	27,617	25,700	27,110	26,385	26,317	26,534	25,875	25,466	24,921	24,964	24,528	24,907
1977.....	24,840	25,173	24,967	24,717	24,408	23,737	22,949	24,093	24,095	24,419	24,609	24,177
1978.....	24,026	23,867	23,458	23,756	23,206	22,105	22,521	22,439	22,684	23,021	23,130	23,481
ORIGINAL SERIES--(RUNNING BALES)												
1973.....	29,482	29,488	29,699	28,393	28,558	28,378	22,633	27,965	26,817	27,875	27,852	25,167
1974.....	28,131	29,251	29,013	26,857	27,793	26,990	23,008	25,473	24,191	22,729	21,400	16,989
1975.....	18,531	19,526	19,788	20,757	22,515	23,607	20,882	25,012	26,282	27,014	27,162	24,698
1976.....	28,143	27,608	28,083	26,702	27,156	27,303	21,934	25,871	24,747	26,043	24,771	23,000
1977.....	25,186	26,094	25,812	25,064	25,087	24,378	19,508	24,429	23,974	25,320	25,002	22,287
1978.....	24,359	24,764	24,520	23,946	23,900	22,726	18,951	22,684	22,547	23,845	23,546	21,779
SEASONAL FACTORS WITH TRADING-DAY--PERCENT												
1973.....	101.8	103.0	104.4	100.9	103.1	103.7	83.8	102.9	99.4	102.3	102.2	91.5
1974.....	101.4	103.0	104.7	100.1	104.4	103.3	84.2	102.6	99.4	102.6	102.0	91.0
1975.....	102.4	103.3	103.6	100.5	103.8	103.2	84.3	102.9	98.8	104.0	101.3	91.2
1976.....	101.9	107.4	103.6	101.2	103.2	102.9	84.8	101.6	99.3	104.3	101.0	92.3
1977.....	101.4	103.7	103.4	101.4	102.8	102.7	85.0	101.4	99.5	103.7	101.6	92.2
1978.....	101.4	103.8	104.5	100.8	103.0	102.8	84.1	101.1	99.4	103.6	101.8	92.8
SEASONAL FACTORS WITH TRADING-DAY, ONE YEAR AHEAD--PERCENT												
1979.....	101.6	103.9	104.0	100.9	102.8	102.8	87.9	102.2	98.7	103.9	102.2	91.9

Table 2. EXTRA LONG STAPLE COTTON CONSUMPTION, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES (RUNNING BALES)												
1973.....	401	331	354	347	366	370	359	351	348	342	334	303
1974.....	350	342	335	319	318	320	308	299	265	262	223	211
1975.....	214	230	212	235	231	223	236	259	300	287	332	328
1976.....	344	296	370	378	394	366	356	334	303	334	316	343
1977.....	296	280	298	275	257	252	264	256	261	259	239	229
1978.....	282	261	242	247	245	260	259	259	243	238	260	235
ORIGINAL SERIES (RUNNING BALES)												
1973.....	414	346	362	352	389	387	291	366	336	359	336	268
1974.....	355	359	346	319	356	329	256	298	265	274	216	180
1975.....	222	242	222	245	251	232	197	261	287	311	319	279
1976.....	335	329	395	408	436	365	296	332	305	349	301	298
1977.....	289	298	319	295	282	257	222	258	256	270	233	189
1978.....	270	278	270	267	273	258	218	257	233	245	263	196
SEASONAL FACTORS WITH TRADING-DAY--PERCENT												
1973.....	103.3	104.6	102.3	101.5	106.4	104.5	81.0	104.1	96.6	105.0	100.7	88.3
1974.....	101.5	104.9	103.3	99.8	112.1	103.0	83.2	99.8	100.0	104.6	96.8	85.3
1975.....	103.6	105.4	104.7	104.2	108.7	103.8	83.5	100.7	95.7	108.5	96.1	85.1
1976.....	97.5	111.1	106.7	108.1	110.7	99.7	83.1	99.3	100.7	104.4	95.2	86.8
1977.....	97.5	106.4	106.9	107.3	109.5	102.0	83.4	102.9	95.0	104.4	97.6	82.7
1978.....	95.8	106.3	111.6	108.2	111.6	99.4	8.3	99.4	95.8	103.0	101.2	83.6
SEASONAL FACTORS WITH TRADING-DAY, ONE YEAR AHEAD--PERCENT												
1979.....	97.3	106.3	107.0	111.5	111.0	97.1	83.4	102.9	95.9	104.8	99.2	83.7

Table 3. CELLULOSIC FIBER STAPLE CONSUMPTION, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES (1,000 POUNDS)												
1973.....	2,239	2,135	2,099	2,057	2,056	2,052	2,011	2,050	2,174	2,026	2,231	2,227
1974.....	2,209	2,262	2,258	2,047	2,095	2,099	1,950	1,814	1,624	1,459	1,208	1,107
1975.....	948	956	941	1,052	1,157	1,250	1,266	1,322	1,380	1,451	1,609	1,561
1976.....	1,557	1,567	1,528	1,561	1,466	1,462	1,512	1,452	1,422	1,440	1,489	1,499
1977.....	1,519	1,521	1,472	1,517	1,553	1,513	1,468	1,557	1,543	1,529	1,504	1,492
1978.....	1,637	1,637	1,535	1,422	1,284	1,334	1,334	1,329	1,360	1,368	1,275	1,311
ORIGINAL SERIES (1,000 POUNDS)												
1973.....	2,214	2,167	2,151	2,078	2,175	2,167	1,687	2,089	2,215	2,148	2,251	2,024
1974.....	2,174	2,278	2,292	2,057	2,233	2,233	1,648	1,859	1,655	1,545	1,218	1,004
1975.....	933	957	948	1,054	1,239	1,328	1,079	1,363	1,403	1,541	1,617	1,416
1976.....	1,538	1,564	1,531	1,561	1,576	1,544	1,291	1,503	1,442	1,535	1,495	1,361
1977.....	1,508	1,518	1,473	1,515	1,671	1,583	1,255	1,611	1,560	1,638	1,509	1,359
1978.....	1,632	1,637	1,535	1,422	1,382	1,387	1,139	1,375	1,374	1,465	1,280	1,197
SEASONAL FACTORS--PERCENT												
1973.....	98.9	101.5	102.5	101.0	105.8	105.6	83.9	101.9	101.9	106.0	100.9	90.9
1974.....	98.4	100.7	101.5	100.5	106.6	106.4	84.5	102.5	101.9	105.9	100.8	90.7
1975.....	98.4	100.1	100.7	100.2	107.1	106.2	85.2	103.1	101.7	106.2	100.5	90.7
1976.....	98.8	99.8	100.2	100.0	107.5	105.6	85.4	103.5	101.4	106.6	100.4	90.8
1977.....	99.3	99.8	100.1	99.9	107.6	104.6	85.4	103.4	101.1	107.1	100.3	91.1
1978.....	99.7	100.0	100.0	100.0	107.6	104.0	85.4	103.5	101.0	107.1	100.4	91.3
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1979.....	99.9	100.1	99.9	100.1	107.7	103.7	85.4	103.4	100.9	107.1	100.4	91.4

Table 4. NONCELLULOSIC FIBER STAPLE CONSUMPTION, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONAL ADJUSTED SERIES (THOUSAND POUNDS)												
1973.....	5,152	5,042	5,274	5,191	5,086	5,093	5,035	5,115	5,117	5,101	5,241	5,130
1974.....	5,126	5,305	5,204	4,938	5,266	5,231	5,685	5,387	5,126	4,756	4,452	4,137
1975.....	3,846	3,644	3,718	4,081	4,405	4,673	4,664	4,881	5,111	5,300	5,241	5,433
1976.....	5,889	5,598	5,567	5,486	5,478	5,532	5,633	5,476	5,408	5,569	5,543	5,844
1977.....	6,020	6,063	6,107	6,209	6,125	6,101	6,021	6,198	6,141	6,214	6,533	6,454
1978.....	6,375	6,736	6,312	6,522	6,164	6,129	5,976	5,994	6,187	6,234	6,368	6,149
ORIGINAL SERIES (THOUSAND POUNDS)												
1973.....	5,070	5,123	5,454	5,290	5,351	5,267	4,396	5,248	5,169	5,255	5,294	4,710
1974.....	5,014	5,364	5,366	5,037	5,546	5,415	4,969	5,560	5,188	4,923	4,488	3,773
1975.....	3,754	3,681	3,823	4,183	4,639	4,837	4,077	5,047	5,163	5,502	5,278	4,934
1976.....	5,760	5,660	5,718	5,657	5,774	5,726	4,901	5,657	5,435	5,781	5,604	5,301
1977.....	5,894	6,142	6,272	6,433	6,450	6,315	5,221	6,372	6,135	6,438	6,618	5,861
1978.....	6,267	6,831	6,495	6,783	6,485	6,344	5,170	6,150	6,150	6,453	6,470	5,596
SEASONAL FACTORS--PERCENT												
1973.....	98.4	101.6	103.4	101.9	105.2	103.4	87.3	102.6	101.0	103.0	101.0	91.8
1974.....	97.8	101.1	103.1	102.0	105.3	103.5	87.4	103.2	101.2	103.5	100.8	91.2
1975.....	97.6	101.0	102.8	102.5	105.3	103.5	87.4	103.4	101.0	103.8	100.7	90.8
1976.....	97.8	101.1	102.7	103.1	105.4	103.5	87.0	103.3	100.5	103.8	101.1	90.7
1977.....	97.9	101.3	102.7	103.6	105.3	103.5	86.4	102.5	99.9	103.6	101.3	90.8
1978.....	98.3	101.4	102.9	104.0	105.2	103.5	86.5	102.6	99.4	103.5	101.6	91.0
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1979.....	98.5	101.5	103.0	104.1	105.1	103.5	86.4	102.5	99.2	103.4	101.7	91.0

Table 5. TOTAL COTTON STOCKS AT MILL AND WAREHOUSE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES (RUNNING BALES)												
1973.....	5,955	6,037	5,982	5,898	5,858	5,785	5,523	4,854	4,535	5,922	6,476	6,519
1974.....	6,481	6,260	6,094	5,886	5,673	5,567	5,527	5,611	5,603	5,834	5,939	6,237
1975.....	6,586	6,892	7,232	7,447	7,764	8,214	8,185	7,895	7,484	5,652	5,427	5,646
1976.....	5,534	5,566	5,702	5,764	5,801	5,650	5,432	5,171	4,406	4,320	5,202	5,471
1977.....	5,329	5,212	5,043	4,962	4,856	4,654	4,488	4,807	6,521	7,955	7,657	7,317
1978.....	7,318	7,334	7,266	7,316	7,439	7,666	7,819	7,928	8,239	7,095	5,476	5,827
ORIGINAL SERIES (RUNNING BALES)												
1973.....	8,469	7,842	6,886	5,975	5,138	4,322	3,579	2,825	2,381	5,413	8,406	9,806
1974.....	9,301	8,201	7,070	5,969	4,959	4,131	3,543	3,232	2,953	5,257	7,692	9,449
1975.....	9,511	9,077	8,418	7,552	6,763	6,046	5,206	4,532	3,974	5,053	7,045	8,599
1976.....	8,008	7,348	6,638	5,834	5,036	4,125	3,444	2,963	2,366	3,854	6,799	8,366
1977.....	7,707	6,875	5,855	5,007	4,196	3,370	2,837	2,750	3,528	7,096	10,077	11,225
1978.....	10,575	9,674	8,415	7,368	6,413	5,520	4,926	4,527	4,466	6,329	7,234	8,962
SEASONAL FACTORS--PERCENT												
1973.....	142.2	129.9	115.1	101.3	87.7	74.7	64.8	58.2	52.5	91.4	129.8	150.4
1974.....	143.5	131.0	116.0	101.4	87.4	74.2	64.1	57.6	52.7	90.1	129.5	151.5
1975.....	144.4	131.7	116.4	101.4	87.1	73.6	63.6	57.4	53.1	89.4	129.8	152.3
1976.....	144.7	132.0	116.4	101.2	86.8	73.0	63.4	57.3	53.7	89.2	130.7	152.9
1977.....	144.6	131.9	116.1	100.9	86.4	72.4	62.9	57.1	54.1	89.2	131.6	153.4
1978.....	144.5	131.9	115.8	100.7	86.2	72.0	63.0	57.1	54.2	89.2	132.1	153.8
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1979.....	144.4	131.8	115.7	100.6	86.1	71.8	62.9	57.1	54.3	89.2	132.4	154.0

Table 6. TOTAL MANMADE FIBER STAPLE STOCKS--COTTON SYSTEM

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES (1,000 POUNDS)												
1973.....	122,398	133,672	142,606	150,011	158,829	164,236	174,716	181,082	198,073	203,572	204,488	214,694
1974.....	213,216	210,149	208,959	204,497	199,394	203,425	218,848	223,196	213,476	201,901	185,899	177,146
1975.....	153,105	136,635	126,423	113,467	122,284	125,192	113,615	121,186	125,898	133,649	147,199	158,576
1976.....	155,725	151,661	148,336	145,246	140,746	140,486	138,756	140,444	144,641	143,983	142,366	147,459
1977.....	149,371	154,217	158,454	155,463	150,884	147,354	144,502	133,793	128,418	126,894	122,880	115,019
1978.....	115,472	119,797	123,966	116,196	119,857	112,542	110,963	114,833	112,789	109,416	110,246	113,584
ORIGINAL SERIES (1,000 POUNDS)												
1973.....	121,174	130,732	139,184	148,661	155,812	163,251	179,434	190,499	207,185	205,608	201,217	211,259
1974.....	212,150	205,736	202,482	202,452	194,011	201,188	223,663	231,901	223,296	204,324	183,855	176,438
1975.....	153,412	135,269	122,631	112,560	118,616	123,189	115,206	124,095	130,934	134,451	145,875	159,052
1976.....	157,127	152,116	144,925	145,101	136,524	138,239	139,450	141,708	149,125	143,552	141,228	148,492
1977.....	151,612	156,531	155,919	156,552	146,811	144,997	144,069	133,927	131,501	125,372	121,529	115,940
1978.....	117,551	122,673	122,851	117,707	116,861	110,742	110,298	114,259	115,045	107,775	108,813	114,493
SEASONAL FACTORS--PERCENT												
1973.....	99.0	97.8	97.6	99.1	98.1	99.4	102.7	105.2	104.6	101.0	98.4	98.4
1974.....	99.5	97.6	96.9	99.0	97.3	98.9	102.2	103.9	104.6	101.2	98.9	99.6
1975.....	100.2	99.0	97.0	99.2	97.0	98.4	101.4	102.4	104.0	100.6	99.1	100.3
1976.....	100.9	100.3	97.7	99.9	97.0	98.4	100.5	100.9	103.1	99.7	99.2	100.7
1977.....	101.5	101.5	98.4	100.7	97.3	98.4	99.2	99.2	102.4	98.8	98.9	100.8
1978.....	101.8	102.4	99.1	101.3	97.5	98.4	99.4	99.5	102.0	98.5	98.7	100.8
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1979.....	102.0	102.8	99.4	101.6	97.6	98.4	99.2	99.2	101.8	98.3	98.6	100.7



Table 7. COTTON SYSTEM, TOTAL SPINDLE HOURS, ALL FIBERS, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES (MILLIONS)												
1973.....	456	452	452	452	439	440	438	441	442	441	451	450
1974.....	450	456	456	430	437	428	437	403	389	363	336	300
1975.....	290	285	281	307	331	347	385	379	402	403	413	416
1976.....	430	419	422	417	413	407	404	397	388	395	385	395
1977.....	396	403	404	401	398	392	392	393	394	397	406	405
1978.....	405	407	395	403	390	389	385	384	388	389	395	404
ORIGINAL SERIES (MILLIONS)												
1973.....	463	464	464	462	458	456	372	452	444	458	460	409
1974.....	455	468	467	439	457	444	372	416	391	378	341	272
1975.....	293	291	287	314	346	360	328	392	403	421	418	378
1976.....	435	428	431	426	432	422	344	410	388	413	390	360
1977.....	402	412	413	410	417	406	334	405	392	415	410	371
1978.....	412	416	403	413	408	402	327	395	385	406	399	371
SEASONAL FACTORS--PERCENT												
1973.....	101.5	102.5	102.6	102.1	104.2	103.5	84.8	102.5	100.4	103.7	101.8	90.8
1974.....	101.0	102.0	102.3	102.0	104.4	103.7	85.0	103.1	100.4	104.1	101.5	90.6
1975.....	100.9	101.9	102.1	102.0	104.5	103.7	85.1	103.3	100.2	104.3	101.2	90.7
1976.....	101.1	102.0	102.1	102.1	104.6	103.6	85.1	103.2	99.8	104.4	101.1	91.1
1977.....	101.3	102.1	102.0	102.2	104.6	103.4	84.9	102.8	99.4	104.4	100.9	91.5
1978.....	101.6	102.2	102.0	102.3	104.6	103.2	84.9	102.8	99.1	104.3	100.9	91.7
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1979.....	101.7	102.3	102.1	102.4	104.6	103.2	84.9	102.8	98.9	104.3	100.9	91.9

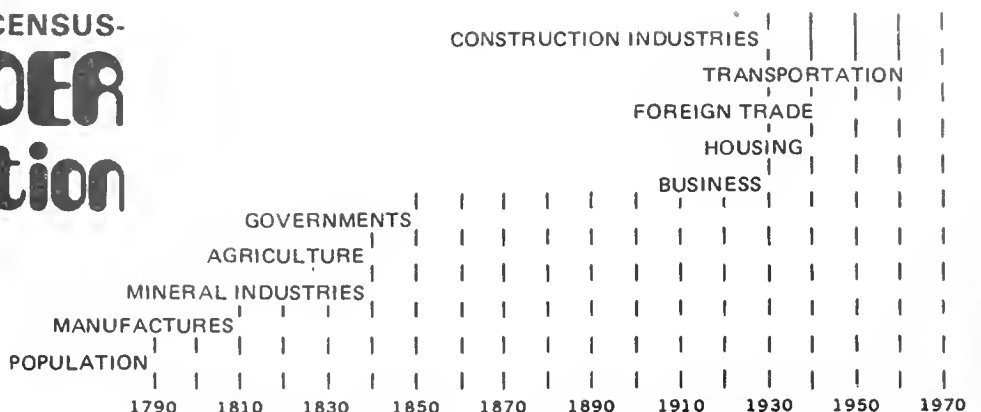
Table 8. AVERAGE PERCENTAGE CHANGES AND RELATED MEASURES FOR SERIES COMPONENTS

Item	Average percentage changes			Ratio of irregular component to cyclical component ( $\bar{I}/\bar{C}$ )	Number of months for cyclical dominance (MCD)	$\bar{I} \bar{C}$ for MCD span	Average duration of run			
	Seasonally adjusted series	Irregular component	Cyclical component				CI	I	C	MCD
	( $\bar{C}/\bar{I}$ )	( $\bar{I}$ )	( $\bar{C}$ )							
COTTON SYSTEM ACTIVITY										
Cotton:										
Total cotton consumption--										
American upland cotton consumption--										
Daily average.....	2.10	1.54	1.10	1.40	2	0.66	2.26	1.44	7.28	3.82
Extra-long staple cotton consumption--										
Daily average.....	5.60	4.99	1.82	2.75	4	0.77	1.82	1.56	8.19	3.56
Spindle hours--										
Daily average (all fibers).....	1.78	1.26	1.10	1.15	2	0.54	2.02	1.38	7.28	3.71
Total cotton stocks at mills and public ware houses.....	5.15	4.11	2.48	1.66	3	0.82	3.12	1.77	5.70	4.78
Manmade fiber staple:										
Total manmade fiber staple consumption--										
Cellulosic fiber staple consumption--										
Daily average.....	3.50	2.76	1.81	1.53	2	0.89	2.15	1.62	9.36	2.71
Noncellulosic fiber staple consumption--										
Daily average.....	2.63	2.04	1.26	1.61	2	0.90	1.93	1.64	10.08	3.42
Total manmade fiber staple stocks at consuming establishments--cotton system.....	3.56	2.16	2.31	0.93	1	0.93	2.98	1.64	6.55	2.98

Feb.-Mar., etc.), 2-month spans (Jan.-Mar., Feb.-Apr., etc.), up to 12-month spans. Averages, without regard to sign, are then computed for the changes over each span. MCD is the shortest span in months for which the average percentage change (without regard to sign) in the cyclical component is larger than the average percentage change (without regard to sign) in their regular component, and remains so. Thus, it indicates the point at which fluctuations in the seasonally adjusted series became dominated by cyclical rather than irregular movements. All series with an MCD greater than "5" are shown as "6."

Average Duration of Run (ADR) is another measure of smoothness and is equal to the average number of consecutive monthly changes in the same direction in any series of observations. When there is no change between 2 months, a change in the same direction as the preceding change is assumed. The ADR is shown for the seasonally adjusted series CI, irregular component I, cyclical component C, and the MCD curve. The MCD is an unweighted moving average (with the number of terms equal to MCD) of the seasonally adjusted series.

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3. 158:

# Consumption on the Cotton System

JANUARY 1979



U.S. Department of Commerce  
BUREAU OF THE CENSUS

M22P(79)-6  
Issued March 1979

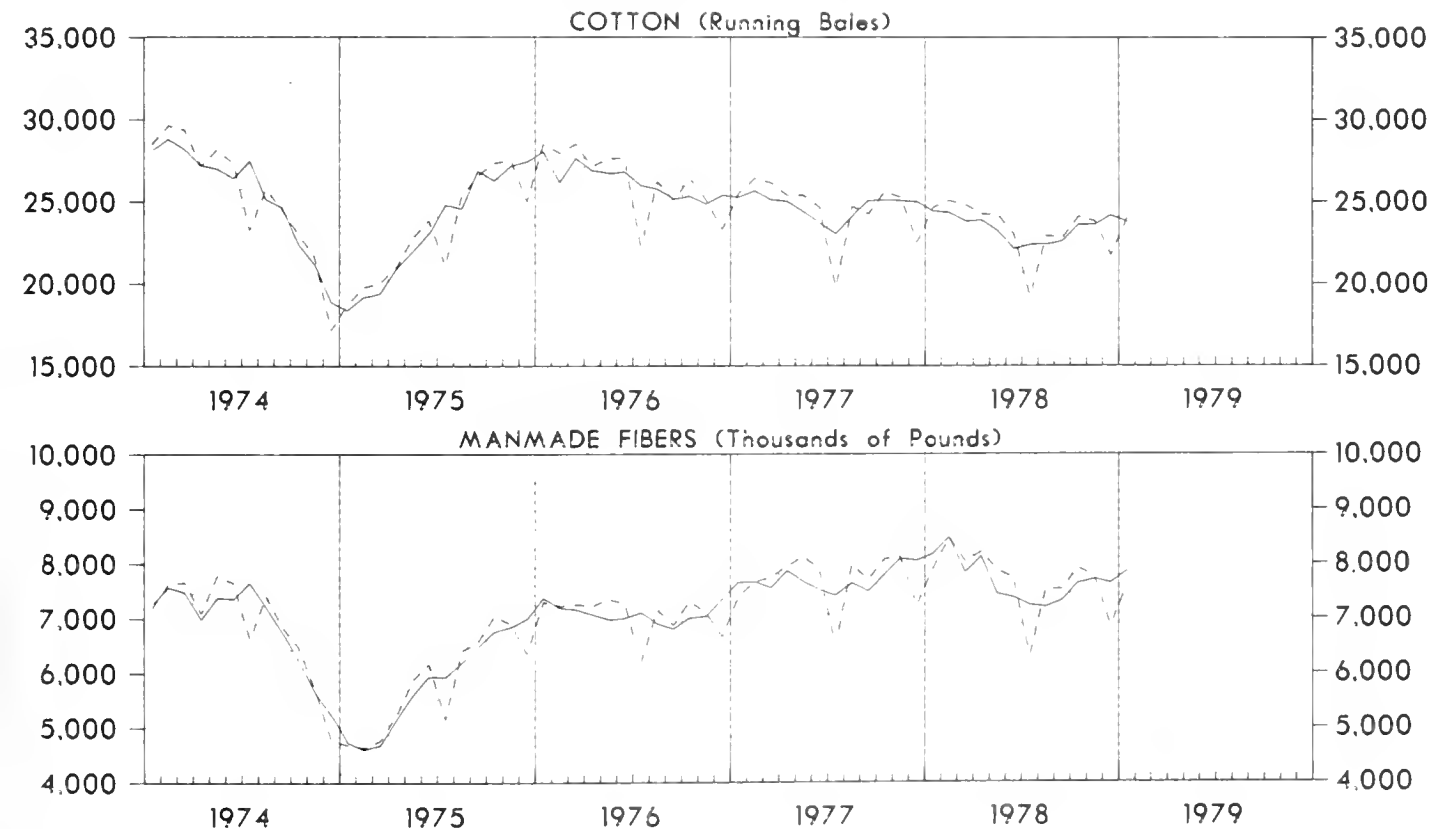
The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 12.

THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1974 TO 1979

— Seasonally Adjusted  
- - - Not Seasonally Adjusted



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INDEX OF SEASONALLY ADJUSTED DAILY AVERAGE COTTON AND  
MANMADE FIBER STAPLE CONSUMPTION: 1974 TO 1979  
(Based On 1967 Daily Average = 100)

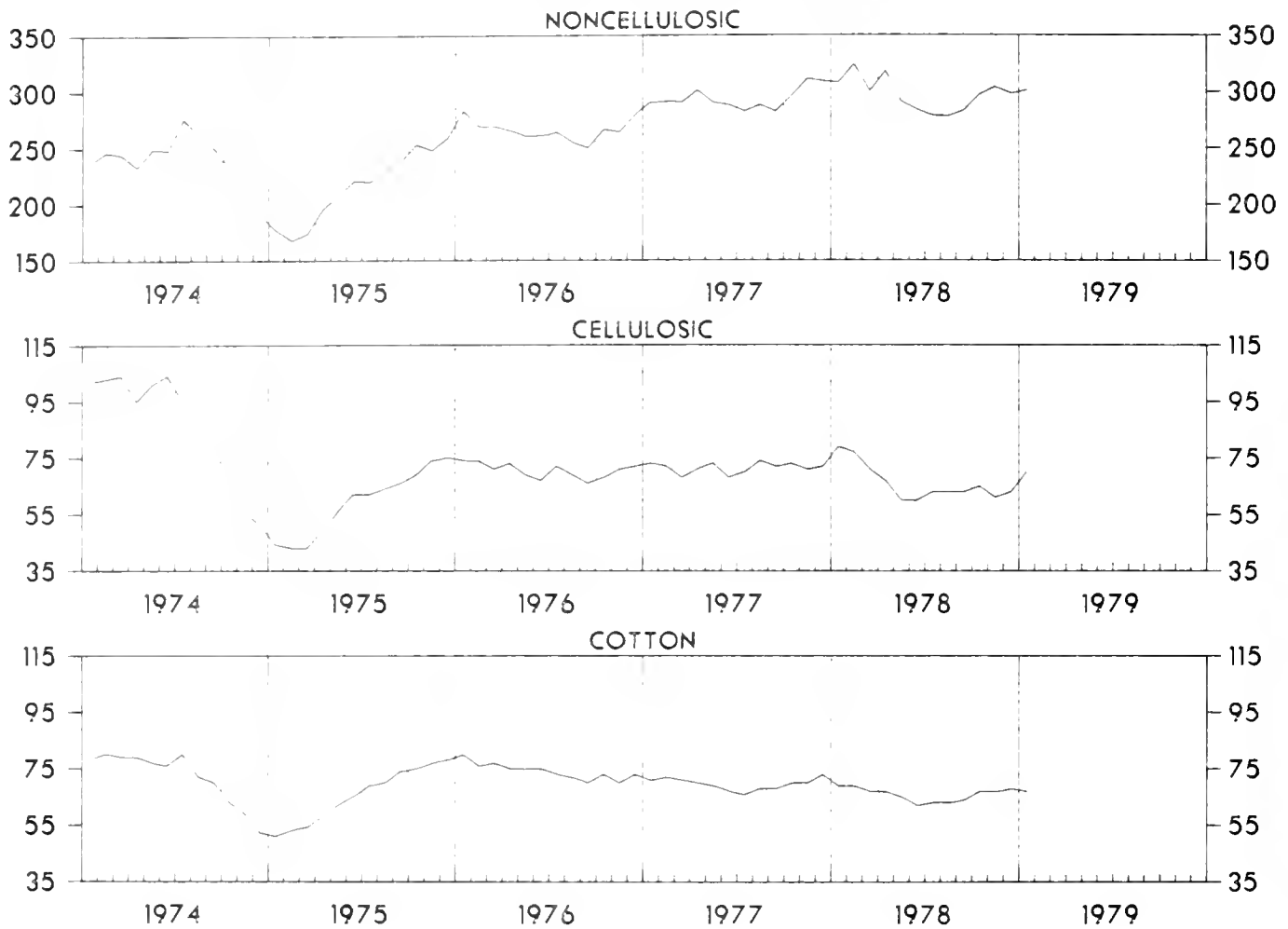


Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total	Manmade fiber staple, total	
	Total	Upland <sup>2</sup>	Long staple <sup>3</sup>	Total	Cellulosic	Noncellulosic			
	(running bales)	(running bales)	(running bales)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 running bales)	(1,000 pounds)	
1974									
January (5 weeks).....	23,771	23,449	271	7,851	1,486	6,365	5,958	122,366	406
1978									
December (4 weeks).....	24,169	23,933	236	7,634	1,347	6,287	5,758	112,678	411
November (5 weeks).....	23,594	23,336	258	7,704	1,285	6,419	5,535	109,912	393
October (4 weeks).....	23,609	23,377	232	7,642	1,383	6,259	7,111	103,930	392
September (5 weeks).....	22,601	22,366	233	7,315	1,344	5,971	6,879	105,935	379
August (4 weeks).....	22,400	22,152	248	7,198	1,341	5,857	8,468	105,502	383
July (4 weeks).....	22,375	22,113	262	7,226	1,346	5,882	8,484	105,447	375
June (5 weeks).....	22,096	21,852	244	7,374	1,274	6,100	7,551	111,748	386
May (4 weeks).....	23,211	22,959	252	7,431	1,284	6,147	7,354	122,368	391
April (4 weeks).....	23,869	23,542	277	8,122	1,419	6,703	7,209	122,739	405
March (5 weeks).....	23,803	23,532	271	7,824	1,505	6,319	7,150	130,554	395
February (4 weeks).....	24,327	24,066	261	8,475	1,644	6,831	7,263	129,813	412
January (4 weeks).....	24,398	24,142	256	8,168	1,667	6,501	7,214	121,941	414
1977									
December (5 weeks).....	24,992	24,763	229	8,146	1,534	6,612	7,451	115,709	415
November (4 weeks).....	25,008	24,774	229	8,080	1,515	6,565	7,710	122,757	404
October (4 weeks).....	25,080	24,824	256	7,791	1,547	6,244	7,473	120,899	400
September (5 weeks).....	24,040	23,784	256	7,482	1,326	6,156	7,014	121,087	386
August (4 weeks).....	24,105	23,856	249	7,641	1,572	6,069	5,083	123,663	392
July (4 weeks).....	23,030	22,763	267	7,423	1,483	5,940	4,656	137,733	383
June (5 weeks).....	23,683	23,440	243	7,526	1,454	6,072	4,610	146,314	390
May (4 weeks).....	24,359	24,099	260	7,667	1,553	6,114	4,612	153,729	399
April (4 weeks).....	25,000	24,694	306	7,869	1,512	6,357	4,899	163,245	402
March (5 weeks).....	25,092	24,772	320	7,551	1,444	6,107	4,975	165,695	405
February (4 weeks).....	25,639	25,359	280	7,666	1,524	6,142	5,161	165,641	408
January (4 weeks).....	25,235	24,961	274	7,654	1,540	6,114	5,257	157,274	404

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, February 28, 1979. However, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total	Manmade fiber staple, total	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)	(1,000 running bales)	(1,000 pounds)	
1974									
January (5 weeks).....	23,495	23,710	285	7,592	1,455	6,137	8,735	117,961	404
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,426	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,381	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	153,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1974			
January (5 weeks).....	67	70	301
1978			
December (4 weeks).....	68	63	298
November (5 weeks).....	67	61	304
October (4 weeks).....	67	65	297
September (5 weeks).....	64	63	283
August (4 weeks).....	63	63	278
July (4 weeks).....	63	63	279
June (5 weeks).....	62	60	289
May (4 weeks).....	65	60	291
April (4 weeks).....	67	67	318
March (5 weeks).....	67	71	300
February (4 weeks).....	69	77	324
January (4 weeks).....	69	79	308



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	JANUARY 1979 (DEC. 31, 1978 TO FEB. 3, 1979)		DECEMBER 1978 (DEC. 3 TO DEC. 30)		JANUARY 1978 (JAN. 1 TO JAN. 28)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	599,857	299,730	434,692	217,308	492,583	246,249
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	596,689	298,152	432,331	216,123	490,268	245,072
ALABAMA . . . . .	73,751	36,795	58,847	29,290	62,597	31,101
GEORGIA . . . . .	109,378	54,638	76,312	38,111	93,253	46,705
NORTH CAROLINA. . . . .	210,808	105,385	150,158	75,069	172,449	86,146
SOUTH CAROLINA. . . . .	152,572	76,278	112,222	56,224	125,349	62,788
TENNESSEE . . . . .	11,627	5,760	8,175	4,032	8,790	4,334
TEXAS . . . . .	6,053	3,037	4,391	2,250	4,284	2,209
VIRGINIA. . . . .	19,800	9,913	13,318	6,663	15,347	7,635
OTHER STATES. . . . .	12,700	6,346	8,908	4,484	8,199	4,154
NEW ENGLAND. . . . .	2,801	1,387	1,114	1,059	1,938	988
REST OF UNITED STATES. . . . .	367	191	247	126	377	189
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	592,741	296,170	430,793	215,344	487,186	243,470
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	32,222	16,036	25,076	12,374	35,416	17,729
1 INCH AND 1-1/32 INCH STAPLES. . . . .	157,059	78,588	112,568	56,258	125,630	62,678
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	357,404	178,643	258,759	129,613	285,764	142,949
STAPLES LONGER THAN 1-3/32 INCH . . . . .	30,006	14,998	22,655	11,349	25,728	12,880
STAPLES NOT SPECIFIED BY KIND . . . . .	16,050	7,905	11,735	5,750	14,648	7,234
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	6,612	3,280	3,628	1,818	4,279	2,177
FOREIGN COTTON, TOTAL. . . . .	504	280	271	146	1,118	602
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	504	280	271	146	1,106	597
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .					12	5
MANMADE FIBER STAPLE (1) (2) . . . . .	X	169,798	(X)	137,032	(X)	157,983
RAYON AND ACETATE . . . . .	(X)	36,368	(X)	23,866	(X)	32,644
NYLON . . . . .	(X)	12,094	(X)	9,114	(X)	6,962
ACRYLIC AND MODACRYLIC. . . . .	(X)	13,755	(X)	9,904	(X)	13,518
POLYESTER . . . . .	(X)	126,246	(X)	93,225	(X)	103,779
OTHER MANMADE FIBER . . . . .	(X)	1,335	(X)	923	(X)	1,080

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>†</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for January 1979, 20 for December 1978 and 20 for January 1978. <sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for January 1979, 24,702 for December 1978 and 29,824 for January 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 3, 1979		DECEMBER 30, 1978		JANUARY 28, 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,046,824	522,768	1,050,730	524,636	936,620	468,124
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,041,856	520,269	1,044,011	521,256	931,195	465,350
ALABAMA . . . . .	126,528	63,116	137,505	68,488	139,496	69,839
CALIFORNIA . . . . .	127,867	64,085	129,099	64,614	138,314	69,800
GEORGIA . . . . .	350,294	175,140	349,924	174,850	264,915	132,163
NORTH CAROLINA . . . . .	343,248	171,570	333,930	167,113	297,398	148,699
SOUTH CAROLINA . . . . .	54,435	26,525	55,925	27,329	51,523	25,048
TENNESSEE . . . . .	12,256	6,180	11,633	5,832	10,639	5,371
TEXAS . . . . .	19,412	9,706	<sup>r</sup> 18,039	<sup>r</sup> 9,024	21,861	10,904
VIRGINIA . . . . .	7,816	3,947	7,956	4,006	7,049	3,526
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	4,505	2,262	<sup>r</sup> 6,195	<sup>r</sup> 3,111	4,965	2,530
REST OF UNITED STATES . . . . .	463	237	524	269	460	244
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,033,622	516,180	1,036,314	517,485	923,056	461,256
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	12,363	6,121	13,434	6,613	10,407	5,233
FOREIGN COTTON, TOTAL . . . . .	839	467	982	538	3,157	1,635
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	839	467	982	538	3,135	1,617
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .					22	18
MANMADE FIBER STAPLE (1) . . . . .	(X)	117,961	(X)	112,903	(X)	117,551
RAYON AND ACETATE . . . . .	(X)	24,900	(X)	25,023	(X)	25,791
NYLON . . . . .	(X)	8,749	(X)	7,316	(X)	4,758
ACRYLIC AND MODACRYLIC . . . . .	(X)	13,084	(X)	11,312	(X)	10,182
POLYESTER . . . . .	(X)	70,685	(X)	68,413	(X)	76,339
OTHER MANMADE FIBER . . . . .	(X)	543	(X)	839	(X)	481

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup> Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup> Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 3, 1979	DECEMBER 30, 1978	JANUARY 28, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	7,688,089	7,862,569	9,638,524
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	7,687,946	7,862,424	9,638,345
ALABAMA . . . . .	242,118	279,890	249,871
ARIZONA . . . . .	506,658	504,750	616,790
ARKANSAS . . . . .	420,993	501,069	522,376
CALIFORNIA . . . . .	1,095,326	1,167,737	1,600,528
GEORGIA . . . . .	206,942	214,255	188,730
LOUISIANA . . . . .	372,823	432,588	496,437
MISSISSIPPI . . . . .	828,488	1,014,058	957,744
MISSOURI . . . . .	134,591	152,177	154,438
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	133,930
NORTH CAROLINA . . . . .	122,921	111,537	115,150
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	273,376	280,845	286,539
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	2,853,326	2,664,408	3,878,599
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	630,384	539,110	437,213
NEW ENGLAND . . . . .	143	145	179
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	7,600,099	7,791,719	9,547,645
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	85,211	68,304	86,630
FOREIGN COTTON, TOTAL (2). . . . .	2,779	2,546	4,249
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on February 3, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JANUARY 1979 (DEC. 31, 1978 TO FEB. 3)	DECEMBER 1978 (DEC. 3, TO DEC. 30)	JANUARY 1978 (JAN. 1, TO JAN. 28)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	91,689	68,064	71,098
BLEACHERS:- RUNNING BALES . . . . .	DO	70,470	51,507	53,981
GROSS WEIGHT. . . . .	M. LBS.	43,734	31,712	34,050
OTHER CONSUMERS . . . . .	RUN. BALES	21,219	16,557	17,117
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,730	2,946	3,010
ALL OTHER STATES . . . . .	DO	17,489	13,611	14,107
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	291,951	278,158	281,471
BLEACHERS:- RUNNING BALES . . . . .	DO	167,234	165,049	136,012
GROSS WEIGHT. . . . .	M. LBS.	103,768	102,566	85,435
OTHER CONSUMERS . . . . .	RUN. BALES	30,617	31,088	33,098
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,808	3,834	4,084
ALL OTHER STATES . . . . .	DO	26,809	27,254	29,014
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	4,984	3,974	7,901
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,984	3,974	7,901
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	89,116	78,047	104,460

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Estimated number of running bales based on information.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JANUARY 1979 (DEC. 31, 1978 TO FEB. 3, 1979)				
UNITED STATES, TOTAL . . . . .	17,495	6,339	2,307	7,819
COTTON GROWING STATES . . . . .	17,223	6,303	2,263	7,795
ALABAMA . . . . .	1,773	823	136	740
GEORGIA . . . . .	2,129	1,009	132	835
NORTH CAROLINA . . . . .	5,821	2,441	857	2,227
SOUTH CAROLINA . . . . .	6,233	1,458	1,073	3,386
TENNESSEE . . . . .	407	285	(D)	91
TEXAS . . . . .	158	25	24	(D)
VIRGINIA . . . . .	521	133	(D)	(D)
OTHER STATES . . . . .	181	129	-	51
NEW ENGLAND . . . . .	272	36	44	24
REST OF UNITED STATES . . . . .				
DECEMBER 1978 (DEC. 3 TO DEC. 30)				
UNITED STATES, TOTAL . . . . .	17,547	6,345	2,288	7,781
COTTON GROWING STATES . . . . .	17,275	6,301	2,244	7,764
ALABAMA . . . . .	1,778	830	139	734
GEORGIA . . . . .	2,115	1,003	135	849
NORTH CAROLINA . . . . .	5,878	2,451	856	2,234
SOUTH CAROLINA . . . . .	6,226	1,446	1,050	3,344
TENNESSEE . . . . .	413	282	(D)	98
TEXAS . . . . .	163	30	23	(D)
VIRGINIA . . . . .	521	131	(D)	(D)
OTHER STATES . . . . .	181	128	-	52
NEW ENGLAND . . . . .	272	44	44	17
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

† Revised by 5 percent or more from previously published figures.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JANUARY 1979 (DEC. 31, 1978 TO FEB. 3, 1979)				
UNITED STATES, TOTAL . . . . .	10,109	4,187	1,348	4,574
COTTON GROWING STATES . . . . .	10,068	4,176	1,324	4,568
ALABAMA . . . . .	963	532	74	357
GEORGIA . . . . .	1,077	603	56	418
NORTH CAROLINA . . . . .	3,535	1,727	502	1,306
SOUTH CAROLINA . . . . .	3,714	967	654	2,093
TENNESSEE . . . . .	262	176	(D)	(D)
TEXAS . . . . .	81	9	(D)	(D)
VIRGINIA . . . . .	313	73	(D)	(D)
OTHER STATES . . . . .	123	89	-	34
NEW ENGLAND . . . . .	41	11	24	6
REST OF UNITED STATES . . . . .				
DECEMBER 1978 (DEC. 3 TO DEC. 30)				
UNITED STATES, TOTAL . . . . .	7,344	2,926	978	3,440
COTTON GROWING STATES . . . . .	7,312	2,917	959	3,436
ALABAMA . . . . .	759	405	61	293
GEORGIA . . . . .	795	421	45	329
NORTH CAROLINA . . . . .	2,384	1,153	322	909
SOUTH CAROLINA . . . . .	2,837	702	506	1,629
TENNESSEE . . . . .	181	116	(D)	(D)
TEXAS . . . . .	51	7	(D)	(D)
VIRGINIA . . . . .	220	52	(D)	(D)
OTHER STATES . . . . .	85	61	-	24
NEW ENGLAND . . . . .	32	9	19	4
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINOLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JANUARY 1979 (DEC. 31, 1978 TO FEB. 3, 1979)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	599,857	427,614	132,092	40,151
STOCKS (2). . . . .	BALES	1,046,824	741,513	234,130	71,181
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	189,798	119,213	41,400	29,185
STOCKS. . . . .	M LBS	117,961	68,392	29,947	19,622
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	36,368	20,175	9,830	6,363
STOCKS . . . . .	M LBS	24,900	13,649	7,150	4,101
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	153,430	99,038	31,570	22,822
STOCKS . . . . .	M LBS	93,061	54,743	22,797	15,521
SPINOLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,495	12,217	3,883	1,395
ACTIVE SPINOLE. . . . .	THOUSANDS	16,465	11,487	3,685	1,293
HOURS OPERATED. . . . .	MILLIONS	10,109	7,075	2,266	768
DECEMBER 1978 (DEC. 3 TO DEC. 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	434,692	316,205	90,269	28,218
STOCKS (2). . . . .	BALES	1,050,730	753,195	227,443	70,092
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	137,032	87,136	28,376	21,520
STOCKS. . . . .	M LBS	112,903	65,069	29,384	18,450
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	23,866	13,761	5,681	4,424
STOCKS . . . . .	M LBS	25,023	13,736	7,546	3,741
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	113,166	73,375	22,695	17,096
STOCKS . . . . .	M LBS	87,880	51,333	21,838	14,709
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,547	12,246	3,897	1,404
ACTIVE SPINOLE. . . . .	THOUSANDS	16,414	11,433	3,676	1,305
HOURS OPERATED. . . . .	MILLIONS	7,344	5,231	1,582	531

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for January 1979 and 20 for December 1978.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, thousand pounds for linters and staple)

Country to which exported	December 1978	November 1978	Cotton season 5 months through December 1978
<b>COTTON</b>			
Total.....	464,105	335,219	2,014,529
Canada.....	15,352	15,007	89,415
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	29,514	11,375	79,397
Republic of Philippines.....	6,525	7,330	42,760
Republic of Korea.....	94,530	84,880	457,966
China-Taiwan.....	10,993	20,054	127,222
Japan.....	142,757	92,041	440,641
Other countries.....	164,434	124,532	777,128
<b>LINTERS</b>			
Total.....	10,741	6,120	46,119
Canada.....	2,603	2,385	11,025
Mexico.....	953	740	8,442
United Kingdom.....	71	112	227
Federal Republic of Germany.....	1,829	396	6,287
Japan.....	3,472	1,866	14,141
Other countries.....	1,813	621	5,997
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	57,610	52,684	272,274
Canada.....	6,641	7,242	36,302
Brazil.....	952	688	2,295
United Kingdom.....	1,261	1,734	6,123
Netherlands.....	815	596	2,489
Belgium.....	3,066	2,327	14,769
Federal Republic of Germany.....	566	673	3,190
Switzerland.....	127	407	1,252
U.S.S.R.....	419	663	2,007
Hong Kong.....	5,560	2,602	13,526
Japan.....	2,905	3,160	10,782
Australia.....	1,782	1,864	8,806
Other countries.....	33,516	30,728	170,733

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021 and manmade fiber staple, numbers 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS

(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	December 1978	November 1978	Cotton season 5 months through December 1978
<b>COTTON</b>			
Total.....	-	-	309
Mexico.....	-	-	90
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	219
<b>LINTERS</b>			
Total.....	5,374	4,264	25,261
Mexico.....	3,030	3,135	12,309
Brazil.....	48	-	671
Other countries.....	2,296	1,129	12,281
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	1,577	2,774	16,950
Canada.....	79	392	1,838
United Kingdom.....	252	209	1,020
France.....	-	8	2,709
Federal Republic of Germany.....	280	933	3,273
Austria.....	262	61	496
Switzerland.....	-	-	1
Italy.....	76	29	266
Japan.....	227	194	1,443
Other countries.....	401	948	5,904

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000, linters, number 3003000, manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1978 79 forecast	1977 78 preliminary	1976 77
Supply.....	84.1	84.5	81.6
Stock, August 1.....	24.2	21.0	24.2
Production.....	59.9	63.5	57.4
Distribution.....	83.6	85.0	82.0
Consumption.....	62.0	60.8	61.0
Stocks, July 31.....	21.6	24.2	21.0
Difference <sup>1</sup> .....	-0.5	+0.5	+0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On



hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
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M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

## CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Juanita Noone	(301) 763-5140
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# Consumption on the Cotton System

FEBRUARY 1979

M22P(79)-7

Issued April 1979



U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
February (4 weeks).....	22,511	22,285	226	7,338	1,289	6,049	6,010	126,374	384
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,374	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406
October (4 weeks).....	24,628	24,370	258	7,755	1,529	6,226	7,955	127,540	398
September (5 weeks).....	24,557	24,290	267	7,730	1,546	6,184	6,497	129,176	396
August (4 weeks).....	24,154	23,903	251	7,775	1,558	6,217	4,816	135,007	394
July (4 weeks).....	22,459	22,193	266	7,513	1,470	6,043	4,510	145,231	393
June (5 weeks).....	23,979	23,714	265	7,628	1,527	6,101	4,694	147,355	393
May (4 weeks).....	24,658	24,404	254	7,689	1,552	6,137	4,873	150,421	399
April (4 weeks).....	25,105	24,840	265	7,693	1,513	6,180	4,977	154,087	400
March (5 weeks).....	25,117	24,819	298	7,563	1,474	6,089	5,061	156,860	405
February (4 weeks).....	25,395	25,115	280	7,567	1,516	6,051	5,216	152,268	403
January (4 weeks).....	25,086	24,789	297	7,494	1,510	5,984	5,337	148,639	395

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room March 23, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1B. SUMMARY OF DAILY AVERAGE COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long-staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1974									
February (4 weeks).....	23,394	23,154	240	7,430	1,290	6,140	7,921	129,912	393
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1975									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,040	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413
February (4 weeks).....	26,392	26,094	298	7,660	1,518	6,142	6,875	156,531	412
January (4 weeks).....	25,475	25,186	289	7,402	1,508	5,894	7,707	151,612	402

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1974			
February (4 weeks).....	63	61	287
January (5 weeks).....	67	69	299
1978			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296
September (5 weeks).....	65	64	294
August (4 weeks).....	63	63	284
July (4 weeks).....	62	63	284
June (5 weeks).....	63	63	291
May (4 weeks).....	66	60	293
April (4 weeks).....	68	67	309
March (5 weeks).....	67	72	299
February (4 weeks).....	68	77	319
January (4 weeks).....	68	77	302

TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 1979 (FEB. 4 TO MARCH 3)		JANUARY 1979 (DEC. 31, 1978 TO FEB. 3)		FEBRUARY 1978 (JAN. 29 TO FEB. 25)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	467,884	233,819	602,857	301,324	500,850	250,265
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	465,639	232,700	599,785	299,796	498,631	249,138
ALABAMA . . . . .	61,131	30,608	74,347	37,175	68,272	34,110
GEORGIA . . . . .	85,328	42,497	109,301	54,691	89,675	45,053
NORTH CAROLINA. . . . .	160,789	80,126	211,301	105,436	175,610	87,419
SOUTH CAROLINA. . . . .	119,112	59,774	153,964	76,970	126,588	63,295
TENNESSEE . . . . .	8,953	4,413	11,789	5,830	9,553	4,740
TEXAS . . . . .	5,355	2,720	6,051	3,114	4,951	2,528
VIRGINIA. . . . .	15,178	7,590	19,800	9,913	13,752	6,876
OTHER STATES. . . . .	9,793	4,972	13,232	6,667	10,230	5,117
NEW ENGLAND. . . . .	1,980	985	2,709	1,339	1,896	964
REST OF UNITED STATES. . . . .	265	134	363	189	323	163
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	463,088	231,447	595,924	297,872	495,288	247,482
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	24,111	11,999	31,811	15,788	36,010	17,995
1 INCH AND 1-1/32 INCH STAPLES. . . . .	125,591	62,853	158,219	79,117	128,406	64,208
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	278,467	139,100	358,890	179,545	291,042	145,603
STAPLES LONGER THAN 1-3/32 INCH . . . . .	23,796	11,779	29,875	14,902	27,338	13,738
STAPLES NOT SPECIFIED BY KIND . . . . .	11,123	5,716	17,129	8,520	12,492	5,938
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,593	2,268	6,617	3,285	4,739	2,355
FOREIGN COTTON, TOTAL. . . . .	203	104	r316	r167	823	428
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	203	104	r316	r167	823	428
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	148,599	(X)	191,752	(X)	169,359
RAYON AND ACETATE . . . . .	(X)	25,807	(X)	36,445	(X)	32,744
NYLON . . . . .	(X)	8,650	(X)	11,790	(X)	7,156
ACKLYIC AND MODACRYLIC . . . . .	(X)	12,359	(X)	14,364	(X)	16,535
POLYESTER . . . . .	(X)	100,731	(X)	127,792	(X)	111,571
OTHER MANMADE FIBER . . . . .	(X)	1,052	(X)	1,361	(X)	1,353

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

X Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for February 1979; 25 for January 1979 and 20 for February 1978.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for February 1979; 34,042 for January 1979 and 29,418 for February 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	MARCH 3, 1979		FEBRUARY 3, 1979		FEBRUARY 25, 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,071,891	535,840	1,049,867	524,720	954,873	476,933
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,066,403	533,104	1,044,681	522,122	950,325	474,613
ALABAMA . . . . .	127,524	63,852	127,042	63,461	140,554	70,355
CALIFORNIA . . . . .	138,116	69,202	129,208	64,738	140,124	70,720
GEORGIA . . . . .	358,090	178,552	350,771	175,627	279,754	139,132
NORTH CAROLINA . . . . .	352,379	177,156	343,279	171,734	301,391	150,784
SOUTH CAROLINA . . . . .	49,061	23,674	53,750	26,166	48,333	23,541
TENNESSEE . . . . .	10,120	5,086	12,309	6,180	9,430	4,759
TEXAS . . . . .	19,877	9,916	19,412	9,706	23,391	11,648
VIRGINIA . . . . .	11,236	5,666	8,910	4,510	7,348	3,674
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	4,981	2,477	4,723	2,361	4,158	2,120
REST OF UNITED STATES. . . . .	507	259	463	237	390	200
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,055,916	527,441	1,036,781	518,198	940,855	469,961
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	15,047	7,431	12,288	6,087	11,373	5,660
FOREIGN COTTON, TOTAL. . . . .	928	468	798	435	2,645	1,312
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	928	468	798	435	2,628	1,298
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .					17	14
MANMADE FIBER STAPLE (1) . . . . .	(X)	129,912	(X)	116,755	(X)	122,673
RAYON AND ACETATE . . . . .	(X)	25,754	(X)	24,929	(X)	25,428
NYLON . . . . .	(X)	8,815	(X)	8,485	(X)	5,596
ACRYLIC AND MODACRYLIC . . . . .	(X)	13,274	(X)	12,060	(X)	11,688
POLYESTER . . . . .	(X)	81,447	(X)	70,609	(X)	79,309
OTHER MANMADE FIBER . . . . .	(X)	622	(X)	672	(X)	652

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>F</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.



TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	MAR. 3, 1979	FEB. 3, 1979	FEB. 28, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	6,849,496	7,690,180	8,719,401
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	6,849,365	7,690,037	8,719,236
ALABAMA . . . . .	203,845	242,054	245,528
ARIZONA . . . . .	456,764	506,658	569,009
ARKANSAS . . . . .	346,056	420,993	455,081
CALIFORNIA . . . . .	946,380	1,095,326	1,419,422
GEORGIA . . . . .	187,799	206,492	182,680
LOUISIANA . . . . .	302,807	372,823	416,094
MISSISSIPPI . . . . .	688,619	828,358	845,968
MISSOURI . . . . .	118,345	134,591	137,761
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	130,134	125,629	135,383
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	259,588	272,482	278,378
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	2,641,509	2,853,747	3,498,452
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	567,179	630,384	535,480
NEW ENGLAND . . . . .			
REST OF UNITED STATES . . . . .	131	143	165
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	6,762,698	7,602,140	8,627,748
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	84,202	85,211	86,117
FOREIGN COTTON, TOTAL (2) . . . . .	2,596	2,779	5,536
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on March 3, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	FEBRUARY 1979 (FEB. 4 TO MARCH 3)	JANUARY 1979 (DEC. 31, 1978 TO FEB. 3)	FEBRUARY 1978 (JAN. 28 TO FEB. 28)
CONSUMPTION, TOTAL . . . . .	RUN, BALES	82,002	91,465	79,554
BLEACHERS:- RUNNING BALES . . . . .	DO	64,722	70,470	60,376
GROSS WEIGHT . . . . .	M. LBS.	40,336	43,734	38,126
OTHER CONSUMERS . . . . .	RUN, BALES	17,280	20,995	19,178
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,152	3,924	3,214
ALL OTHER STATES . . . . .	DO	14,128	17,071	15,964
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN, BALES	291,436	292,488	293,403
BLEACHERS:- RUNNING BALES . . . . .	DO	170,709	167,234	141,105
GROSS WEIGHT . . . . .	M. LBS.	106,879	103,768	88,679
OTHER CONSUMERS . . . . .	RUN, BALES	28,659	30,627	35,217
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,787	4,224	4,017
ALL OTHER STATES . . . . .	DO	24,872	26,403	31,200
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	5,172	4,984	9,217
PACIFIC AND MOUNTAIN STATES . . . . .	DO	5,172	4,984	9,217
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	86,896	89,643	107,864

<sup>1</sup>Revised by 5 percent or more from previously published figures.<sup>2</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
FEBRUARY 1979 (FEB. 4 TO MARCH 3)				
UNITED STATES, TOTAL . . . . .	17,482	6,297	2,297	7,799
COTTON GROWING STATES . . . . .	17,210	6,252	2,255	7,775
ALABAMA . . . . .	1,768	803	137	760
GEORGIA . . . . .	2,119	992	128	860
NORTH CAROLINA . . . . .	5,823	2,435	851	2,218
SOUTH CAROLINA . . . . .	6,234	1,452	1,074	3,348
TENNESSEE . . . . .	406	284	(D)	90
TEXAS . . . . .	158	25	24	(D)
VIRGINIA . . . . .	521	133	(D)	(D)
OTHER STATES . . . . .	181	128	-	47
NEW ENGLAND . . . . .	272	45	42	24
REST OF UNITED STATES . . . . .				
JANUARY 1979 (DEC. 31, 1978 TO FEB. 3)				
UNITED STATES, TOTAL . . . . .	17,483	6,330	2,318	7,781
COTTON GROWING STATES . . . . .	17,211	6,292	2,274	7,758
ALABAMA . . . . .	1,771	802	136	758
GEORGIA . . . . .	2,119	1,002	131	840
NORTH CAROLINA . . . . .	5,829	2,443	868	2,232
SOUTH CAROLINA . . . . .	6,225	1,477	1,073	3,319
TENNESSEE . . . . .	407	282	(D)	93
TEXAS . . . . .	158	25	25	(D)
VIRGINIA . . . . .	521	133	(D)	(D)
OTHER STATES . . . . .	181	128	-	52
NEW ENGLAND . . . . .	272	38	44	23
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
FEBRUARY 1979 (FEB. 4 TO MARCH 3)				
UNITED STATES, TOTAL . . . . .	7,858	3,111	1,018	3,729
COTTON GROWING STATES . . . . .	7,827	3,102	1,000	3,725
ALABAMA . . . . .	793	425	56	312
GEORGIA . . . . .	887	469	50	368
NORTH CAROLINA . . . . .	2,666	1,258	381	1,027
SOUTH CAROLINA . . . . .	2,876	686	482	1,708
TENNESSEE . . . . .	208	130	(D)	(D)
TEXAS . . . . .	64	8	(D)	(D)
VIRGINIA . . . . .	249	64	(D)	(D)
OTHER STATES . . . . .	84	62	-	22
NEW ENGLAND . . . . .	31	9	18	4
REST OF UNITED STATES . . . . .				
JANUARY 1979 (DEC. 31, 1978 TO FEB. 3)				
UNITED STATES, TOTAL . . . . .	10,140	4,204	1,364	4,572
COTTON GROWING STATES . . . . .	10,100	4,193	1,340	4,567
ALABAMA . . . . .	956	525	74	357
GEORGIA . . . . .	1,089	606	56	427
NORTH CAROLINA . . . . .	3,527	1,732	508	1,287
SOUTH CAROLINA . . . . .	3,733	975	661	2,097
TENNESSEE . . . . .	284	189	(D)	(D)
TEXAS . . . . .	82	9	(D)	(D)
VIRGINIA . . . . .	312	73	(D)	(D)
OTHER STATES . . . . .	117	84	-	33
NEW ENGLAND . . . . .	40	11	24	5
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

TABLE 5. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
FEBRUARY 1979 (FEB. 4 TO MARCH 3)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	467,884	337,745	97,629	32,510
STOCKS (2). . . . .	BALES	1,071,891	759,941	242,490	69,460
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	148,599	95,438	29,757	23,404
STOCKS. . . . .	M LBS	129,912	76,929	32,796	20,187
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	25,807	14,606	6,767	4,434
STOCKS . . . . .	M LBS	25,754	14,445	7,182	4,127
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	122,792	80,832	22,990	18,970
STOCKS . . . . .	M LBS	104,158	62,484	25,614	16,060
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,482	12,220	3,867	1,395
ACTIVE SPINDLE. . . . .	THOUSANDS	16,393	11,446	3,675	1,272
HOURS OPERATED. . . . .	MILLIONS	7,658	5,470	1,777	611
JANUARY 1979 (DEC. 31, 1978 TO FEB 3)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	602,857	430,988	132,509	39,360
STOCKS (2). . . . .	BALES	1,049,867	741,853	237,487	70,527
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	191,752	120,224	41,579	29,949
STOCKS. . . . .	M LBS	116,755	67,518	29,723	19,514
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	36,445	20,255	9,801	6,389
STOCKS . . . . .	M LBS	24,929	13,792	7,220	3,917
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	155,307	99,969	31,778	23,560
STOCKS . . . . .	M LBS	91,826	53,726	22,503	15,597
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,483	12,217	3,871	1,395
ACTIVE SPINDLE. . . . .	THOUSANDS	16,429	11,447	3,682	1,300
HOURS OPERATED. . . . .	MILLIONS	10,140	7,057	2,311	772

Note: SIC is the abbreviation for standard industrial classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for February 1979 and 25 for January 1979.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF COTTON, MANMADE FIBER STAPLE AND TOW AND LINTERS

(Running total for cotton, thousand pounds for linters and staple)

Country to which exported	January 1979	December 1978	Cotton season 6 months through January 1979
<b>COTTON</b>			
Total.....	316,743	464,105	2,531,074
Canada.....	17,051	15,352	106,465
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	25,435	29,514	104,635
Republic of Philippines.....	3,241	6,525	46,001
Republic of Korea.....	40,303	44,530	551,274
China-Taiwan.....	20,743	10,493	147,865
Japan.....	134,595	142,757	575,038
Other countries.....	222,670	164,434	994,798
<b>LINTERS</b>			
Total.....	1,334	10,741	58,513
Canada.....	2,727	2,603	13,552
Mexico.....	1,712	453	10,154
United Kingdom.....	75	71	305
Federal Republic of Germany.....	3,454	1,829	9,741
Japan.....	2,952	3,472	18,093
Other countries.....	671	1,813	6,668
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	63,470	57,610	335,744
Canada.....	8,514	6,641	44,816
Brazil.....	352	952	2,647
United Kingdom.....	1,388	1,261	7,511
Netherlands.....	629	815	3,109
Belgium.....	3,838	3,066	18,657
Federal Republic of Germany.....	799	566	3,989
Switzerland.....	339	127	1,591
U.S.S.R.....	1,132	419	3,139
Hong Kong.....	2,331	5,560	15,857
Japan.....	3,509	2,905	14,291
Australia.....	1,747	1,751	10,603
Other countries.....	38,801	33,515	204,534

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 309-222, 309-240, 309-242, 309-245, 209-245, and 209-247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	January 1979	December 1978	Cotton season 6 months through January 1979
<b>COTTON</b>			
Total.....	78	-	387
Mexico.....	-	-	90
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	78	-	78
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	219
<b>LINTERS</b>			
Total.....	3,567	5,374	28,828
Mexico.....	1,966	3,030	14,275
Brazil.....	265	48	936
Other countries.....	1,336	2,296	13,617
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	2,654	1,577	19,604
Canada.....	134	79	1,972
United Kingdom.....	122	252	1,142
France.....	-	-	2,709
Federal Republic of Germany.....	739	280	4,012
Austria.....	627	262	1,123
Switzerland.....	1	-	2
Italy.....	70	76	336
Japan.....	227	227	1,670
Other countries.....	734	401	6,638

Note. Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000, linters, number 2003000, manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1978-79 forecast	1977-78 preliminary	1976-77
Supply.....	84.2	84.7	81.6
Stock, August 1.....	24.4	21.2	24.2
Production.....	59.8	63.5	57.4
Distribution.....	83.9	85.2	82.0
Consumption.....	61.8	60.8	60.8
Stocks, July 31.....	22.1	24.4	21.2
Difference <sup>1</sup> .....	-0.3	+0.5	+0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method 11 seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

#### CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Dorothy Dunham	(301) 763-5511





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3. 158:

Consumption on the  
Cotton SystemU.S. Department of Commerce  
BUREAU OF THE CENSUS

MARCH 1979

M22P(79)-8  
Issued May 1979

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
March (4 weeks).....	24,293	24,007	286	7,700	1,333	6,367	6,165	131,028	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406
October (4 weeks).....	24,628	24,370	258	7,755	1,529	6,226	7,955	127,540	398
September (5 weeks).....	24,557	24,290	267	7,730	1,546	6,184	6,497	129,176	396
August (4 weeks).....	24,154	23,903	251	7,775	1,558	6,217	4,816	135,007	394
July (4 weeks).....	22,459	22,193	266	7,513	1,470	6,043	4,510	145,231	393
June (5 weeks).....	23,979	23,714	265	7,628	1,527	6,101	4,694	147,355	393
May (4 weeks).....	24,658	24,404	254	7,689	1,552	6,137	4,873	150,421	399
April (4 weeks).....	25,105	24,840	265	7,693	1,513	6,180	4,977	154,087	400
March (5 weeks).....	25,117	24,819	298	7,563	1,474	6,089	5,061	156,860	405

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room April 23, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total  (mil.)
	Cotton			Manmade fibers			Cotton, total  (1,000 running bales)	Manmade fiber staple, total  (1,000 pounds)	
	Total  (running bales)	Upland <sup>2</sup>  (running bales)	Long staple <sup>3</sup>  (running bales)	Total  (1,000 pounds)	Cellulosic  (1,000 pounds)	Noncellulosic  (1,000 pounds)			
1979									
March (4 weeks).....	25,273	24,967	306	7,890	1,332	6,558	7,133	130,242	416
February (4 weeks).....	23,567	23,319	248	7,459	1,245	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	410
March (5 weeks).....	26,131	25,812	319	7,745	1,473	6,272	5,855	155,919	413

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1979			
March (4 weeks).....	68	63	602
February (4 weeks).....	64	61	586
January (5 weeks).....	67	64	599
1978			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296
September (5 weeks).....	65	64	294
August (4 weeks).....	63	63	284
July (4 weeks).....	62	63	284
June (5 weeks).....	63	63	291
May (4 weeks).....	66	60	293
April (4 weeks).....	68	67	309
March (5 weeks).....	67	72	299

TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	MARCH 1979 (MAR. 4 TO MAR. 31)		FEBRUARY 1979 (FEB. 4 TO MAR. 3)		MARCH 1978 (FEB. 26 TO APRIL 1)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	505,471	252,728	471,347	235,276	619,750	310,195
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	502,997	251,486	469,002	234,106	616,853	308,738
ALABAMA . . . . .	66,344	33,225	61,765	30,829	83,613	41,626
GEORGIA . . . . .	92,001	45,821	87,226	43,441	109,919	55,178
NORTH CAROLINA . . . . .	180,826	90,280	160,993	80,100	221,443	110,920
SOUTH CAROLINA . . . . .	121,511	60,901	118,991	59,673	157,353	78,761
TENNESSEE . . . . .	9,748	4,836	8,953	4,413	12,202	6,069
TEXAS . . . . .	5,118	2,601	5,382	2,720	6,105	3,101
VIRGINIA . . . . .	16,396	8,193	15,178	7,590	15,852	7,913
OTHER STATES. . . . .	11,053	5,629	10,514	5,340	10,366	5,170
NEW ENGLAND. . . . .	2,224	1,116	2,081	1,037	2,512	1,260
REST OF UNITED STATES. . . . .	250	126	264	133	385	197
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	499,349	249,661	466,385	232,812	612,996	306,835
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	25,668	12,684	23,768	11,829	40,104	20,029
1 INCH AND 1-1/32 INCH STAPLES. . . . .	128,741	64,461	126,907	63,323	168,649	84,138
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	307,634	153,494	280,501	139,913	357,205	178,699
STAPLES LONGER THAN 1-3/32 INCH . . . . .	25,304	12,639	23,686	11,871	32,276	16,565
STAPLES NOT SPECIFIED BY KIND . . . . .	12,002	6,383	11,523	5,876	14,762	7,404
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,950	2,982	4,731	2,345	5,554	2,777
FOREIGN COTTON, TOTAL. . . . .	172	85	<sup>r</sup> 231	<sup>r</sup> 119	1,200	583
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	172	85	<sup>r</sup> 231	<sup>r</sup> 119	1,200	583
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	157,798	(X)	149,182	(X)	200,737
RAYON AND ACETATE . . . . .	(X)	26,631	(X)	25,894	(X)	38,371
NYLON . . . . .	(X)	11,173	(X)	<sup>r</sup> 9,170	(X)	8,660
ACKYLIC AND MODACRYLIC. . . . .	(X)	13,697	(X)	12,636	(X)	18,464
POLYESTER . . . . .	(X)	104,728	(X)	100,429	(X)	134,182
OTHER MANMADE FIBER . . . . .	(X)	1,569	(X)	1,053	(X)	1,060

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for March 1979; 20 for February 1979 and 25 for March 1978.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for March 1979; 25,932 for February 1979 and 36,451 for March 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

QUANTITY IN THOUSANDS OF POUNDS

AREA, STATE, AND TYPE OF MATERIAL	MARCH 31, 1976		MARCH 3, 1976		APRIL 1, 1978 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,177,183	541,138	1,069,612	534,619	1,312,321	506,141
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	1,154,841	544,473	1,064,121	531,881	1,008,158	504,021
ALABAMA . . . . .	15,076	65,141	127,823	63,771	142,833	71,498
CALIFORNIA . . . . .	146,444	73,145	137,238	68,957	147,270	74,117
GEORGIA . . . . .	358,111	174,46	358,961	178,028	312,915	156,072
NORTH CAROLINA . . . . .	368,149	183,864	351,008	176,478	323,552	162,063
SOUTH CAROLINA . . . . .	45,428	21,868	49,061	23,578	43,514	21,181
TENNESSEE . . . . .	11,350	5,149	10,120	5,086	9,203	4,650
TEXAS . . . . .	17,789	8,913	19,677	9,916	21,573	10,781
VIRGINIA . . . . .	11,350	5,447	12,031	6,067	7,298	3,659
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	7,139	3,517	4,981	2,477	3,794	1,934
REST OF UNITED STATES . . . . .	481	248	510	261	369	189
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,079,512	519,484	1,053,066	526,427	996,999	498,521
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	16,011	6,972	15,645	7,731	13,129	6,503
FOREIGN COTTON, TOTAL . . . . .	1,439	682	899	461	2,193	1,120
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	1,439	682	899	461	2,193	1,120
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .						
MANMADE FIBER STAPLE (1) . . . . .	X	110,141	(X)	130,456	(X)	122,851
RAYON AND ACETATE . . . . .	X	17,114	(X)	26,595	(X)	25,340
NYLON . . . . .	X	7,448	(X)	6,879	(X)	6,184
ACRYLIC AND MODACRYLIC . . . . .	(X)	12,144	(X)	13,190	(X)	11,700
POLYESTER . . . . .	X	51,791	(X)	51,786	(X)	79,002
OTHER MANMADE FIBER . . . . .	X	1,155	(X)	604	(X)	625

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. X Not applicable.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.



TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	MAR. 31, 1979	MAR. 3, 1979	APRIL 1, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	6,035,430	6,883,556	7,402,935
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	6,035,311	6,883,425	7,402,790
ALABAMA . . . . .	167,923	203,480	231,329
ARIZONA . . . . .	409,970	451,098	497,222
ARKANSAS . . . . .	276,661	346,056	384,196
CALIFORNIA . . . . .	796,560	970,706	1,171,717
GEORGIA . . . . .	175,146	188,185	170,781
LOUISIANA . . . . .	241,932	302,807	337,060
MISSISSIPPI . . . . .	550,005	688,651	725,061
MISSOURI . . . . .	102,316	118,395	118,196
NEW MEXICO . . . . .	(1)	(1)	(2)
NORTH CAROLINA . . . . .	131,366	130,134	140,151
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	246,920	259,588	248,585
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	2,408,308	2,656,946	2,919,695
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	528,204	567,379	458,797
NEW ENGLAND . . . . .	119	131	145
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	5,951,598	6,794,904	7,321,482
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	81,527	86,056	76,383
FOREIGN COTTON, TOTAL (2). . . . .	2,305	2,596	5,070
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on March 3, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	MARCH 1979 (MAR. 4 TO MARCH 31)	FEBRUARY 1979 (FEB. 4 TO MARCH 3)	MARCH 1978 (FEB. 26 TO APRIL 1)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	84,010	82,062	95,520
BLEACHERS:- RUNNING BALES . . . . .	DO	66,875	64,722	69,403
GROSS WEIGHT. . . . .	M. LBS.	42,112	40,336	44,427
OTHER CONSUMERS . . . . .	RUN. BALES	17,135	17,340	26,117
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,093	3,098	4,249
ALL OTHER STATES . . . . .	DO	14,042	14,242	21,868
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	291,178	294,325	296,369
BLEACHERS:- RUNNING BALES . . . . .	DO	171,286	170,709	149,199
GROSS WEIGHT. . . . .	M. LBS.	107,061	106,879	94,425
OTHER CONSUMERS . . . . .	RUN. BALES	27,255	29,110	33,770
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,648	4,038	4,360
ALL OTHER STATES . . . . .	DO	23,607	25,072	29,410
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	6,667	5,172	10,473
PACIFIC AND MOUNTAIN STATES. . . . .	DO	6,667	5,172	10,473
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	85,970	89,334	102,927

<sup>1</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MARCH 1979 (MARCH 4 TO MARCH 31)				
UNITED STATES, TOTAL . . . . .	17,435	6,337	2,315	7,726
COTTON GROWING STATES . . . . .	17,163	6,300	2,274	7,702
ALABAMA . . . . .	1,761	809	145	741
GEORGIA . . . . .	2,085	989	140	840
NORTH CAROLINA . . . . .	5,810	2,493	854	2,167
SOUTH CAROLINA . . . . .	6,238	1,436	1,073	3,370
TENNESSEE . . . . .	409	287	(D)	90
TEXAS . . . . .	158	25	(D)	(D)
VIRGINIA . . . . .	521	133	(D)	(D)
OTHER STATES . . . . .	181	128	-	48
NEW ENGLAND . . . . .	272	37	41	24
REST OF UNITED STATES . . . . .				
FEBRUARY 1979 (FEB. 4 TO MARCH 3)				
UNITED STATES, TOTAL . . . . .	17,526	6,332	2,311	7,793
COTTON GROWING STATES . . . . .	17,254	6,295	2,270	7,770
ALABAMA . . . . .	1,769	803	137	759
GEORGIA . . . . .	2,116	1,018	137	840
NORTH CAROLINA . . . . .	5,861	2,471	854	2,218
SOUTH CAROLINA . . . . .	6,242	1,434	1,077	3,365
TENNESSEE . . . . .	406	284	(D)	90
TEXAS . . . . .	158	25	24	(D)
VIRGINIA . . . . .	521	133	(D)	(D)
OTHER STATES . . . . .	181	127	-	46
NEW ENGLAND . . . . .	272	37	41	23
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MARCH 1979 (MARCH 4 TO MARCH 31)				
UNITED STATES, TOTAL . . . . .	8,313	3,340	1,060	3,913
COTTON GROWING STATES . . . . .	8,280	3,330	1,041	3,909
ALABAMA . . . . .	820	436	66	318
GEORGIA . . . . .	429	507	53	369
NORTH CAROLINA . . . . .	2,842	1,363	399	1,080
SOUTH CAROLINA . . . . .	1,054	741	491	1,822
TENNESSEE . . . . .	223	141	(D)	(D)
TEXAS . . . . .	60	8	(D)	(D)
VIRGINIA . . . . .	260	66	(D)	(D)
OTHER STATES . . . . .	92	68	-	24
NEW ENGLAND . . . . .	33	10	19	4
REST OF UNITED STATES . . . . .				
FEBRUARY 1979 (FEB. 4 TO MARCH 3)				
UNITED STATES, TOTAL . . . . .	7,874	3,170	1,013	3,691
COTTON GROWING STATES . . . . .	7,842	3,161	994	3,687
ALABAMA . . . . .	801	433	56	312
GEORGIA . . . . .	893	490	48	355
NORTH CAROLINA . . . . .	2,673	1,268	381	1,024
SOUTH CAROLINA . . . . .	2,671	705	478	1,688
TENNESSEE . . . . .	208	130	(D)	(D)
TEXAS . . . . .	63	8	(D)	(D)
VIRGINIA . . . . .	249	64	(D)	(D)
OTHER STATES . . . . .	84	63	-	21
NEW ENGLAND . . . . .	32	9	19	4
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
MARCH 1979 (MARCH 4 TO MARCH 31)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	505,471	359,239	110,499	35,733
STOCKS (2) . . . . .	BALES	1,097,163	788,563	244,373	64,227
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	157,798	99,219	32,604	25,975
STOCKS . . . . .	M LBS	130,242	77,863	33,520	18,859
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	26,631	15,777	6,053	4,801
STOCKS . . . . .	M LBS	27,104	14,976	7,973	4,155
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	131,167	83,442	26,551	21,174
STOCKS . . . . .	M LBS	103,138	62,887	25,547	14,704
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,435	12,133	3,909	1,393
ACTIVE SPINDLE . . . . .	THOUSANDS	16,378	11,383	3,684	1,311
HOURS OPERATED . . . . .	MILLIONS	8,313	5,744	1,902	667
FEBRUARY 1979 (FEBRUARY 4 TO MARCH 3)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	471,347	338,397	99,742	33,208
STOCKS (2) . . . . .	BALES	1,069,612	759,506	240,442	69,664
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	149,182	95,867	29,698	23,617
STOCKS . . . . .	M LBS	130,456	77,070	33,251	20,135
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	25,894	14,756	6,687	4,451
STOCKS . . . . .	M LBS	26,695	14,697	7,766	4,232
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	123,288	81,111	23,011	19,166
STOCKS . . . . .	M LBS	103,761	62,373	25,485	15,903
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,526	12,233	3,900	1,393
ACTIVE SPINDLE . . . . .	THOUSANDS	16,436	11,446	3,689	1,301
HOURS OPERATED . . . . .	MILLIONS	7,874	5,484	1,779	611

Note: SIC is the abbreviation for standard industrial classification.

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for March 1979 and 20 for February 1979.

<sup>3</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>4</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, thousand pounds for linters and staple)

Country to which exported	February 1979	January 1979	Cotton season 7 months through February 1979
<b>COTTON</b>			
Total.....	577,047	516,547	3,108,117
Canada.....	16,863	17,050	120,330
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	21,881	25,238	126,516
Republic of Philippines.....	10,017	4,241	56,018
Republic of Korea.....	115,521	93,308	666,795
China-Taiwan.....	31,130	20,643	178,995
Japan.....	136,480	134,395	710,516
Other countries.....	249,149	222,670	1,348,947
<b>LINTERS</b>			
Total.....	16,542	12,394	75,055
Canada.....	1,979	2,527	15,531
Mexico.....	684	1,712	10,838
United Kingdom.....	88	78	393
Federal Republic of Germany.....	3,443	6,454	13,184
Japan.....	7,226	6,952	25,419
Other countries.....	6,122	671	9,740
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	67,602	61,470	403,346
Canada.....	7,617	8,514	52,433
Brazil.....	365	352	3,012
United Kingdom.....	1,141	1,388	8,652
Netherlands.....	247	620	3,356
Belgium.....	3,604	3,888	22,261
Federal Republic of Germany.....	884	794	4,873
Switzerland.....	470	339	2,061
U.S.S.R.....	220	1,132	3,359
Hong Kong.....	3,023	2,331	18,880
Japan.....	4,378	2,509	16,669
Australia.....	1,262	1,797	11,865
Other countries.....	44,391	38,801	253,925

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORT FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

COUNTRY of production	February 1979	January 1979	Cotton season 7 months through February 1979
COTTON			
Total.....	811	78	1,198
Mexico.....	153	-	243
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	658	78	736
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	219
LINTERS			
Total.....	5,212	3,567	34,040
Mexico.....	2,949	1,966	17,224
Brazil.....	-	265	936
Other countries.....	2,263	1,336	15,880
MANMADE FIBER STAPLE AND TOW			
Total.....	2,910	2,654	22,514
Canada.....	201	134	2,173
United Kingdom.....	76	122	1,218
France.....	198	-	2,907
Federal Republic of Germany.....	472	739	4,484
Austria.....	644	627	1,757
Switzerland.....	-	1	2
Italy.....	108	70	444
Japan.....	90	227	1,760
Other countries.....	1,131	734	7,769

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S., Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000, linters, number 3003000, manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094342, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(in million bales of 480 lb. net)

Item	1978-79 forecast	1977-78 preliminary	1976-77
Supply.....	84.5	85.2	81.6
Stock, August 1.....	24.6	24.3	24.2
Production.....	59.9	63.9	57.4
Distribution.....	84.2	85.3	82.0
Consumption.....	62.3	60.7	60.7
Stocks, July 31.....	21.9	24.6	21.3
Difference <sup>1</sup> .....	+0.3	+0.1	+0.4

<sup>1</sup>Net cotton short, destroyed and unaccounted.

Source: Foreign Agricultural Service (FAS).

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



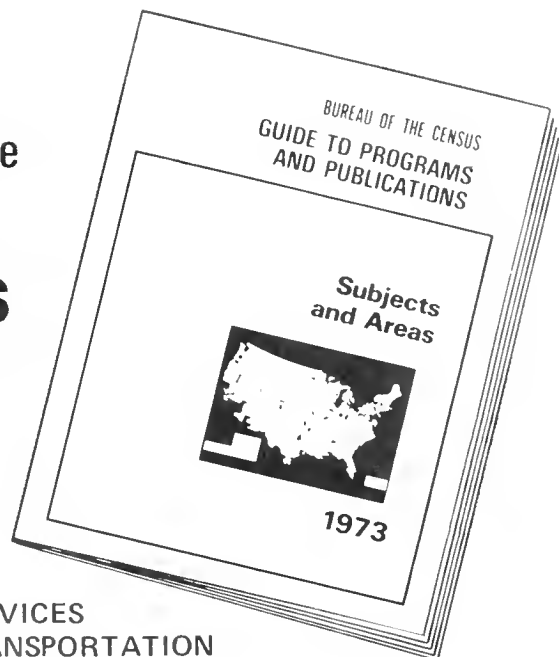
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Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
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3, 158:

# Consumption on the Cotton System

APRIL 1979

M22P(79)-9  
Issued June 1979

U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
April (5 weeks).....	22,797	22,568	229	7,430	1,322	6,108	6,141	137,868	387
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,034	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,428	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406
October (4 weeks).....	24,628	24,370	258	7,755	1,529	6,226	7,955	127,540	398
September (5 weeks).....	24,557	24,290	267	7,730	1,546	6,184	6,447	129,176	396
August (4 weeks).....	24,154	23,903	251	7,775	1,558	6,217	4,816	135,007	394
July (4 weeks).....	22,459	22,193	266	7,513	1,470	6,043	4,510	145,231	393
June (5 weeks).....	23,979	23,714	265	7,628	1,527	6,101	4,694	147,355	393
May (4 weeks).....	24,658	24,404	254	7,689	1,552	6,137	4,873	150,421	399
April (4 weeks).....	25,105	24,840	265	7,693	1,513	6,180	4,977	154,087	400

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room May 23, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
April (5 weeks).....	23,026	22,771	255	7,681	1,323	6,358	6,178	140,074	39
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,871	41
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	39
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	40
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	30
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	30
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	40
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	30
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	30
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	30
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	40
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	40
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	40
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	40
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	40
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	40
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	30
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	40
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	40
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	30
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	40
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	30
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	40
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	40
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	40

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1 8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1 8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1979			
April (5 weeks).....	64	62	290
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
1978			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296
September (5 weeks).....	65	64	294
August (4 weeks).....	63	63	284
July (4 weeks).....	62	63	284
June (5 weeks).....	63	63	291
May (4 weeks).....	66	60	293
April (4 weeks).....	68	67	309

TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	APRIL 1979 (APRIL 1 TO MAY 5)		MARCH 1979 (MAR. 4 TO MAR. 31)		APRIL 1978 (APR. 2 TO APR. 29)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	575,640	287,987	506,111	252,809	484,267	242,541
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	572,450	286,397	503,403	251,462	481,927	241,355
ALABAMA . . . . .	77,343	38,897	66,121	33,086	66,425	33,308
GEORGIA . . . . .	108,564	54,049	92,270	45,917	85,807	42,984
NORTH CAROLINA . . . . .	194,752	97,267	179,825	89,709	166,923	83,442
SOUTH CAROLINA . . . . .	142,205	71,328	123,503	61,861	123,412	61,868
TENNESSEE . . . . .	11,057	5,433	9,632	4,742	10,051	5,003
TEXAS . . . . .	6,060	3,087	5,147	2,603	5,566	2,818
VIRGINIA . . . . .	19,757	9,887	16,396	8,193	15,552	7,793
OTHER STATES. . . . .	12,712	6,449	10,509	5,351	8,191	4,139
NEW ENGLAND. . . . .	2,789	1,387	<sup>r</sup> 2,458	<sup>r</sup> 1,221	2,013	1,019
REST OF UNITED STATES. . . . .	401	203	250	126	327	167
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	569,274	284,809	500,393	249,951	478,929	239,859
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	31,466	15,727	26,197	12,954	32,575	16,261
1 INCH AND 1-1/32 INCH STAPLES. . . . .	151,925	75,885	129,334	64,505	123,020	61,583
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	339,831	169,842	307,302	153,583	287,333	143,843
STAPLES LONGER THAN 1-3/32 INCH . . . . .	31,329	15,553	25,090	12,593	25,873	12,985
STAPLES NOT SPECIFIED BY KIND . . . . .	14,723	7,802	12,470	6,316	10,128	5,187
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	6,059	3,030	<sup>r</sup> 5,529	<sup>r</sup> 2,766	4,499	2,261
FOREIGN COTTON, TOTAL. . . . .	307	148	189	92	839	421
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	307	148	189	92	839	421
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	192,022	(X)	156,684	(X)	164,111
RAYON AND ACETATE . . . . .	(X)	33,064	(X)	26,630	(X)	28,445
NYLON . . . . .	(X)	10,935	(X)	10,963	(X)	9,198
ACRYLIC AND MODACRYLIC . . . . .	(X)	18,501	(X)	13,455	(X)	16,786
POLYESTER . . . . .	(X)	127,923	(X)	104,059	(X)	108,678
OTHER MANMADE FIBER . . . . .	(X)	1,599	(X)	1,577	(X)	1,004

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for April 1979; 20 for March 1979 and 20 for April 1978.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for April 1979; 27,813 for March 1979 and 31,237 for April 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	MAY 5, 1979		MARCH 31 1979		APRIL 29, 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,094,157	546,967	1,098,963	548,889	1,045,007	520,949
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,088,768	544,292	1,091,873	545,369	1,040,070	518,439
ALABAMA . . . . .	137,141	68,427	130,933	65,245	146,780	73,179
CALIFORNIA . . . . .	142,251	71,294	145,976	72,548	142,798	71,742
GEORGIA . . . . .	350,830	174,748	362,423	180,924	328,944	163,162
NORTH CAROLINA . . . . .	381,543	192,045	368,270	185,048	346,421	173,172
TENNESSEE . . . . .	38,348	18,363	45,174	21,598	37,655	18,361
TEXAS . . . . .	9,861	4,957	10,248	5,147	9,548	4,805
VIRGINIA . . . . .	17,333	8,671	17,789	8,913	18,488	9,254
OTHER STATES . . . . .	11,461	5,787	11,060	5,946	9,436	4,764
NEW ENGLAND . . . . .	4,901	2,424	<sup>r</sup> 6,608	<sup>r</sup> 3,272	4,476	2,275
REST OF UNITED STATES . . . . .	488	251	482	248	461	235
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,076,218	537,919	1,081,112	539,885	1,029,671	513,319
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	16,452	8,359	16,431	8,342	13,705	6,811
FOREIGN COTTON, TOTAL . . . . .	1,487	689	1,420	662	1,631	819
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	450	242	1,420	662	1,631	819
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	1,037	447				
MANMADE FIBER STAPLE (1) . . . . .	(X)	140,074	(X)	131,871	(X)	117,707
RAYON AND ACETATE . . . . .	(X)	29,044	(X)	27,383	(X)	23,239
NYLON . . . . .	(X)	8,698	(X)	7,900	(X)	8,011
ACRYLIC AND MODACRYLIC . . . . .	(X)	13,897	(X)	12,260	(X)	12,731
POLYESTER . . . . .	(X)	87,391	(X)	83,134	(X)	72,900
OTHER MANMADE FIBER . . . . .	(X)	1,044	(X)	1,194	(X)	826

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. X Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.



TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	MAY 5, 1979	MARCH 31, 1979	APRIL 29, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	5,083,789	6,035,055	6,318,653
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	5,083,684	6,034,936	6,318,524
ALABAMA . . . . .	141,531	168,350	219,498
ARIZONA . . . . .	347,396	409,970	418,348
ARKANSAS . . . . .	214,096	276,661	329,701
CALIFORNIA . . . . .	647,725	796,560	973,149
GEORGIA . . . . .	163,654	177,582	162,371
LOUISIANA . . . . .	191,645	240,580	271,904
MISSISSIPPI . . . . .	437,430	548,733	605,118
MISSOURI . . . . .	77,070	102,316	103,698
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA . . . . .	135,646	131,366	144,845
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	233,134	247,372	237,611
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	2,019,899	2,407,734	2,437,422
VIRGINIA . . . . .	-	-	-
OTHER STATES. . . . .	474,458	527,712	414,859
NEW ENGLAND. . . . .	105	119	129
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	5,013,351	5,950,657	6,242,104
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	67,109	82,092	72,036
FOREIGN COTTON, TOTAL (2). . . . .	3,329	2,306	4,513
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on May 5, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	APRIL 1979 (APRIL 1 TO MAY 5)	MARCH 1979 (MAR. 4 TO MAR. 31)	APRIL 1978 (APRIL 2 TO APRIL 29)
CONSUMPTION, TOTAL . . . . .	RUN.BALES	109,513	84,258	79,651
BLEACHERS:- RUNNING BALES . . . . .	DO	89,631	66,875	58,320
GROSS WEIGHT. . . . .	M. LBS.	56,597	42,112	37,110
OTHER CONSUMERS . . . . .	RUN.BALES	19,882	17,383	21,331
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,617	3,081	3,581
ALL OTHER STATES . . . . .	DO	16,265	14,302	17,750
STOCKS, TOTAL (END OF PERIOD). . . . .	RUN.BALES	286,757	291,468	303,159
BLEACHERS:- RUNNING BALES . . . . .	DO	162,093	171,286	158,175
GROSS WEIGHT. . . . .	M. LBS.	100,482	107,061	99,789
OTHER CONSUMERS . . . . .	RUN.BALES	29,941	28,775	34,418
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,223	3,981	4,619
ALL OTHER STATES . . . . .	DO	25,718	24,794	29,799
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	8,233	6,667	10,838
PACIFIC AND MOUNTAIN STATES. . . . .	DO	8,233	6,667	10,838
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	86,490	84,740	99,728

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
APRIL 1979 (APRIL 1 TO MAY 5)				
UNITED STATES, TOTAL . . . . .	17,433	6,414	2,328	7,705
COTTON GROWING STATES . . . . .	17,161	6,374	2,286	7,683
ALABAMA . . . . .	1,766	820	146	736
GEORGIA . . . . .	2,087	1,044	143	837
NORTH CAROLINA . . . . .	5,796	2,506	855	2,141
SOUTH CAROLINA . . . . .	6,239	1,423	1,085	3,374
TENNESSEE . . . . .	413	290	(D)	(D)
TEXAS . . . . .	158	25	(D)	(D)
VIRGINIA . . . . .	521	137	(D)	(D)
OTHER STATES . . . . .	181	129	-	50
NEW ENGLAND . . . . .	272	40	42	22
REST OF UNITED STATES . . . . .				
MARCH 1979 (MARCH 4 TO MARCH 31)				
UNITED STATES, TOTAL . . . . .	17,439	6,355	2,305	7,731
COTTON GROWING STATES . . . . .	17,167	6,319	2,263	7,706
ALABAMA . . . . .	1,761	809	145	741
GEORGIA . . . . .	2,084	995	140	834
NORTH CAROLINA . . . . .	5,815	2,496	848	2,178
SOUTH CAROLINA . . . . .	6,236	1,444	1,069	3,369
TENNESSEE . . . . .	411	289	(D)	(D)
TEXAS . . . . .	158	25	(D)	(D)
VIRGINIA . . . . .	521	133	(D)	(D)
OTHER STATES . . . . .	181	128	-	48
NEW ENGLAND . . . . .	272	36	42	25
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
APRIL 1979 (APRIL 1 TO MAY 5)				
UNITED STATES, TOTAL . . . . .	9,895	3,938	1,327	4,630
COTTON GROWING STATES . . . . .	9,860	3,927	1,307	4,626
ALABAMA . . . . .	1,019	527	95	397
GEORGIA . . . . .	1,130	616	69	445
NORTH CAROLINA . . . . .	3,298	1,579	475	1,244
SOUTH CAROLINA . . . . .	3,669	873	634	2,162
TENNESSEE . . . . .	262	167	(D)	(D)
TEXAS . . . . .	70	9	(D)	(D)
VIRGINIA . . . . .	305	77	(D)	(D)
OTHER STATES . . . . .	107	79	-	28
NEW ENGLAND . . . . .	35	11	20	4
REST OF UNITED STATES . . . . .				
MARCH 1979 (MARCH 4 TO MARCH 31)				
UNITED STATES, TOTAL . . . . .	8,319	3,371	1,046	3,902
COTTON GROWING STATES . . . . .	8,290	3,362	1,030	3,898
ALABAMA . . . . .	813	428	67	318
GEORGIA . . . . .	929	509	53	367
NORTH CAROLINA . . . . .	2,837	1,373	392	1,072
SOUTH CAROLINA . . . . .	3,079	767	488	1,824
TENNESSEE . . . . .	228	146	(D)	(D)
TEXAS . . . . .	58	8	(D)	(D)
VIRGINIA . . . . .	258	66	(D)	(D)
OTHER STATES . . . . .	88	65	-	23
NEW ENGLAND . . . . .	29	9	16	4
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
APRIL 1979 (APRIL 1 TO MAY 5)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	575,640	412,537	123,924	39,179
STOCKS (2). . . . .	BALES	1,094,157	775,939	251,762	66,456
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	192,022	121,171	39,437	31,414
STOCKS . . . . .	M LBS	140,074	81,354	35,688	23,032
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	33,064	19,762	7,605	5,697
STOCKS . . . . .	M LBS	29,044	16,116	7,717	5,211
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	158,958	101,409	31,832	25,717
STOCKS . . . . .	M LBS	111,030	65,238	27,971	17,821
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,433	12,121	3,919	1,393
ACTIVE SPINDLE . . . . .	THOUSANDS	16,447	11,440	3,710	1,297
HOURS OPERATED . . . . .	MILLIONS	9,895	6,879	2,229	787
MARCH 1979 (MARCH 4 TO MARCH 31)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	506,111	361,636	108,663	35,812
STOCKS (2). . . . .	BALES	1,098,963	786,395	248,333	64,235
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	156,684	99,262	32,289	25,133
STOCKS . . . . .	M LBS	131,871	78,576	33,581	19,714
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	26,630	15,801	6,038	4,791
STOCKS . . . . .	M LBS	27,383	15,301	7,927	4,155
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	130,054	83,461	26,251	20,342
STOCKS . . . . .	M LBS	104,488	63,275	25,654	15,559
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,439	12,135	3,911	1,393
ACTIVE SPINDLE . . . . .	THOUSANDS	16,391	11,382	3,707	1,302
HOURS OPERATED . . . . .	MILLIONS	8,319	5,766	1,889	664

Note: SIC is the abbreviation for standard industrial classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for March 1979 and 20 for February 1979.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	March 1979	February 1979	Cotton season 8 months through March 1979
<b>COTTON</b>			
Total.....	573,619	577,043	3,681,736
Canada.....	22,392	13,865	142,722
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	19,523	21,881	146,039
Republic of Philippines.....	8,571	10,017	64,589
Republic of Korea.....	101,097	115,521	767,892
China-Taiwan.....	47,378	31,130	226,373
Japan.....	126,542	135,480	837,058
Other countries.....	248,116	249,149	1,497,063
<b>LINTERS</b>			
Total.....	9,208	16,542	84,263
Canada.....	1,700	1,979	17,231
Mexico.....	516	684	11,354
United Kingdom.....	-	88	393
Federal Republic of Germany.....	-	3,443	13,184
Japan.....	4,506	7,226	29,825
Other countries.....	2,486	3,122	12,276
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	73,671	67,602	477,017
Canada.....	11,184	7,617	63,617
Brazil.....	294	365	3,306
United Kingdom.....	1,729	1,141	10,381
Netherlands.....	453	247	3,809
Belgium.....	2,966	3,604	25,227
Federal Republic of Germany.....	1,544	884	6,417
Switzerland.....	39	470	2,100
U.S.S.R.....	-	220	3,359
Hong Kong.....	3,187	3,023	22,067
Japan.....	2,888	4,378	21,557
Australia.....	1,355	1,262	13,220
Other countries.....	48,032	44,391	301,957

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242; 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	March 1979	February 1979	Cotton season 8 months through March 1979
<b>COTTON</b>			
Total.....	188	811	1,386
Mexico.....	-	153	243
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	658	736
Egypt.....	188	-	188
Sudan.....	-	-	-
Other countries.....	-	-	219
<b>LINTERS</b>			
Total.....	4,821	5,212	38,861
Mexico.....	3,203	2,949	20,427
Brazil.....	387	-	1,323
Other countries.....	1,231	2,263	17,111
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	4,455	2,910	26,969
Canada.....	328	201	2,501
United Kingdom.....	106	76	1,324
France.....	57	198	2,964
Federal Republic of Germany.....	611	472	5,095
Austria.....	1,858	634	3,615
Switzerland.....	-	-	2
Italy.....	293	108	737
Japan.....	172	90	1,932
Other countries.....	1,030	1,131	8,799

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(In million bales of 480 lb. net)

Item	1978/79 forecast	1977/78 preliminary	1976/77
Supply.....	84.0	84.8	81.6
Stock, August 1.....	24.1	20.9	24.2
Production.....	59.9	63.9	57.4
Distribution.....	83.7	84.9	81.6
Consumption.....	62.4	60.8	60.7
Stocks, July 31.....	21.3	24.1	20.9
Difference <sup>1</sup> .....	-0.3	+0.1	0.0

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



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M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

## CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
Foreign Trade publications	Juanita Noone	(301) 763-5140
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# Consumption on the Cotton System

MAY 1979

M22P(79)-10  
Issued July 1979U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
May (4 weeks).....	23,532	23,277	255	7,479	1,149	6,330	6,078	149,292	391
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406
October (4 weeks).....	24,628	24,370	258	7,755	1,529	6,226	7,955	127,540	398
September (5 weeks).....	24,557	24,290	267	7,730	1,546	6,184	6,497	129,176	396
August (4 weeks).....	24,154	23,903	251	7,775	1,558	6,217	4,816	135,007	394
July (4 weeks).....	22,459	22,193	266	7,513	1,470	6,043	4,510	145,231	393
June (5 weeks).....	23,979	23,714	265	7,628	1,527	6,101	4,694	147,355	393
May (4 weeks).....	24,658	24,404	254	7,689	1,552	6,137	4,873	150,421	399

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room June 22, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
April (5 weeks).....	23,026	22,771	255	7,681	1,323	6,358	6,178	140,074	39
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,871	41
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	39
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	40
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	30
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	31
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	40
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	31
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	31
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	31
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	40
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	40
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	40
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	40
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	40
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	40
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	31
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	40
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	40
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	31
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	40
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	31
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	40
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	40
April (4 weeks).....	25,359	25,064	295	7,948	1,515	6,433	5,007	156,552	40

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1.8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1.8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed based on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1979</b>			
April (5 weeks).....	64	62	290
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
<b>1978</b>			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296
September (5 weeks).....	65	64	294
August (4 weeks).....	63	63	284
July (4 weeks).....	62	63	284
June (5 weeks).....	63	63	291
May (4 weeks).....	66	60	293
April (4 weeks).....	68	67	309

TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	APRIL 1979 (APRIL 1 TO MAY 5)		MARCH 1979 (MAR. 4 TO MAR. 31)		APRIL 1978 (APR. 2 TO APR. 29)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	575,640	287,987	506,111	252,809	484,267	242,541
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	572,450	286,397	503,403	251,462	481,927	241,355
ALABAMA . . . . .	77,343	38,897	66,121	33,086	66,425	33,308
GEORGIA . . . . .	108,564	54,049	92,270	45,917	85,807	42,984
NORTH CAROLINA . . . . .	194,752	97,267	179,825	89,709	166,923	83,442
SOUTH CAROLINA . . . . .	142,205	71,328	123,503	61,861	123,412	61,868
TENNESSEE . . . . .	11,057	5,433	9,632	4,742	10,051	5,003
TEXAS . . . . .	6,060	3,087	5,147	2,603	5,566	2,818
VIRGINIA . . . . .	19,757	9,887	16,396	8,193	15,552	7,793
OTHER STATES. . . . .	12,712	6,449	10,509	5,351	8,191	4,139
NEW ENGLAND. . . . .	2,789	1,387	<sup>r</sup> 2,458	<sup>r</sup> 1,221	2,013	1,019
REST OF UNITED STATES. . . . .	401	203	250	126	327	167
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	569,274	284,809	500,393	249,951	478,929	239,859
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	31,466	15,727	26,197	12,954	32,575	16,261
1 INCH AND 1-1/32 INCH STAPLES. . . . .	151,925	75,885	129,334	64,505	123,020	61,583
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	339,831	169,842	307,302	153,583	287,333	143,843
STAPLES LONGER THAN 1-3/32 INCH . . . . .	31,329	15,553	25,090	12,593	25,873	12,985
STAPLES NOT SPECIFIED BY KIND . . . . .	14,723	7,802	12,470	6,316	10,128	5,187
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	6,059	3,030	<sup>r</sup> 5,529	<sup>r</sup> 2,766	4,499	2,261
FOREIGN COTTON, TOTAL. . . . .	307	148	189	92	839	421
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	307	148	189	92	839	421
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	192,022	(X)	156,684	(X)	164,111
RAYON AND ACETATE . . . . .	(X)	33,064	(X)	26,630	(X)	28,445
NYLON . . . . .	(X)	10,935	(X)	10,963	(X)	9,198
ACRYLIC AND MODACRYLIC. . . . .	(X)	18,501	(X)	13,455	(X)	16,786
POLYESTER . . . . .	(X)	127,923	(X)	104,059	(X)	108,678
OTHER MANMADE FIBER . . . . .	(X)	1,599	(X)	1,577	(X)	1,004

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for April 1979; 20 for March 1979 and 20 for April 1978.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for April 1979; 27,813 for March 1979 and 31,237 for April 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	JUNE 2, 1970		MAY 5, 1970		MAY 27, 1970	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,066,743	529,022	1,094,968	547,324	1,095,239	547,398
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	1,061,376	526,483	1,089,715	544,722	1,090,652	545,065
ALABAMA . . . . .	130,356	65,173	137,167	68,409	146,775	73,535
CALIFORNIA . . . . .	145,651	72,675	145,894	72,985	137,827	69,221
GEORGIA . . . . .	346,400	171,805	350,395	174,565	362,696	181,163
NORTH CAROLINA . . . . .	366,793	181,623	381,240	191,485	377,018	188,250
SOUTH CAROLINA . . . . .	32,746	15,882	36,364	17,863	32,168	15,764
TENNESSEE . . . . .	10,050	4,949	9,861	4,957	9,763	4,908
TEXAS . . . . .	17,817	8,523	17,333	8,671	16,715	8,342
VIRGINIA . . . . .	11,563	5,853	11,461	5,787	7,690	3,882
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	4,941	2,327	4,768	2,354	4,171	2,119
REST OF UNITED STATES . . . . .	426	212	485	248	416	214
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	1,050,380	520,995	1,076,584	538,096	1,080,087	539,831
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	14,705	7,277	16,458	8,349	13,955	6,895
FOREIGN COTTON, TOTAL . . . . .	1,658	750	<sup>r</sup> 1,926	<sup>r</sup> 879	1,197	672
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	624	305	<sup>r</sup> 889	<sup>r</sup> 432	1,197	672
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	1,034	445	1,037	447		
MANMADE FIBER STAPLE (1) . . . . .	(X)	145,709	(X)	143,032	(X)	116,861
RAYON AND ACETATE . . . . .	(X)	27,165	(X)	29,615	(X)	22,960
NYLON . . . . .	(X)	8,542	(X)	<sup>19</sup> 1,169	(X)	7,087
ACRYLIC AND MODACRYLIC . . . . .	(X)	17,002	(X)	14,049	(X)	11,533
POLYESTER . . . . .	(X)	92,250	(X)	89,162	(X)	74,336
OTHER MANMADE FIBER . . . . .	(X)	750	(X)	1,037	(X)	945

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.



TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	JUNE 2, 1979	MAY 5, 1979	MAY 27, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	4,166,362	5,061,529	5,317,569
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	4,166,269	5,061,424	5,317,455
ALABAMA . . . . .	109,740	141,661	191,834
ARIZONA . . . . .	274,740	347,396	323,544
ARKANSAS . . . . .	154,202	213,703	267,815
CALIFORNIA . . . . .	489,473	619,359	741,233
GEORGIA . . . . .	150,109	165,814	152,571
LOUISIANA . . . . .	128,571	191,645	211,270
MISSISSIPPI . . . . .	340,010	440,466	495,149
MISSOURI . . . . .	52,372	77,070	93,773
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA . . . . .	130,951	135,646	146,235
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	204,517	234,307	230,381
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	1,737,185	2,019,899	2,108,802
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	394,399	474,458	354,848
NEW ENGLAND . . . . .	93	105	114
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	4,108,208	4,991,090	5,247,112
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	54,949	67,109	65,974
FOREIGN COTTON, TOTAL (2) . . . . .	3,205	3,330	4,483
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area. <sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on June 2, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	MAY 1979 (MAY 6 TO JUNE 2)	APRIL 1979 (APRIL 1 TO MAY 5)	MAY 1978 (APRIL 30 TO MAY 27)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	79,965	109,126	82,053
BLEACHERS:- RUNNING BALES . . . . .	DO	64,033	89,631	60,376
GROSS WEIGHT. . . . .	M. LBS.	39,699	56,598	38,510
OTHER CONSUMERS . . . . .	RUN. BALES	15,932	19,495	21,677
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,877	3,648	3,304
ALL OTHER STATES . . . . .	DO	13,055	15,847	18,373
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	266,974	286,925	279,311
BLEACHERS:- RUNNING BALES . . . . .	DO	152,850	162,093	155,460
GROSS WEIGHT. . . . .	M. LBS.	92,251	100,151	97,453
OTHER CONSUMERS . . . . .	RUN. BALES	27,610	30,108	32,745
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,922	4,104	4,335
ALL OTHER STATES . . . . .	DO	23,688	26,004	28,410
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	7,061	8,233	9,290
PACIFIC AND MOUNTAIN STATES . . . . .	DO	7,061	8,233	9,290
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	79,453	86,491	81,816

(NA) Not available.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MAY 1974 (MAY 5 TO JUNE 2)				
UNITED STATES, TOTAL . . . . .	17,458	6,429	2,343	7,667
COTTON GROWING STATES . . . . .	17,186	6,384	2,302	7,650
ALABAMA . . . . .	1,746	793	146	762
GEORGIA . . . . .	2,081	1,027	145	818
NORTH CAROLINA . . . . .	5,829	2,516	868	2,145
SOUTH CAROLINA . . . . .	6,255	1,460	1,087	3,336
TENNESSEE . . . . .	415	298	(D)	86
TEXAS . . . . .	158	25	(D)	(D)
VIRGINIA . . . . .	521	137	(D)	(D)
OTHER STATES . . . . .	181	128	-	50
NEW ENGLAND . . . . .	272	45	41	17
REST OF UNITED STATES . . . . .				
APRIL 1979 (APRIL 1 TO MAY 5)				
UNITED STATES, TOTAL . . . . .	17,467	6,427	2,332	7,681
COTTON GROWING STATES . . . . .	17,195	6,387	2,291	7,660
ALABAMA . . . . .	1,771	819	146	741
GEORGIA . . . . .	2,089	1,031	142	819
NORTH CAROLINA . . . . .	5,806	2,512	854	2,142
SOUTH CAROLINA . . . . .	6,254	1,442	1,093	3,365
TENNESSEE . . . . .	415	293	(D)	(D)
TEXAS . . . . .	158	25	(D)	(D)
VIRGINIA . . . . .	521	136	(D)	(D)
OTHER STATES . . . . .	181	129	-	50
NEW ENGLAND . . . . .	272	40	41	21
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN  
(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MAY 1979 (MAY 6 TO JUNE 2)				
UNITED STATES, TOTAL . . . . .	8,183	3,329	1,079	3,775
COTTON GROWING STATES . . . . .	8,154	3,320	1,062	3,772
ALABAMA . . . . .	809	413	71	325
GEORGIA . . . . .	936	511	54	371
NORTH CAROLINA . . . . .	2,751	1,363	393	995
SOUTH CAROLINA . . . . .	3,040	748	519	1,773
TENNESSEE . . . . .	219	147	(D)	(D)
TEXAS . . . . .	56	7	(D)	(D)
VIRGINIA . . . . .	254	67	(D)	(D)
OTHER STATES . . . . .	89	64	-	25
NEW ENGLAND . . . . .	29	9	17	3
REST OF UNITED STATES . . . . .				
APRIL 1979 (APRIL 1 TO MAY 5)				
UNITED STATES, TOTAL . . . . .	9,941	4,021	1,320	4,600
COTTON GROWING STATES . . . . .	9,905	4,010	1,299	4,596
ALABAMA . . . . .	1,018	524	96	398
GEORGIA . . . . .	1,112	613	67	432
NORTH CAROLINA . . . . .	3,329	1,611	472	1,246
SOUTH CAROLINA . . . . .	3,693	919	631	2,143
TENNESSEE . . . . .	271	178	(D)	(D)
TEXAS . . . . .	70	9	(D)	(D)
VIRGINIA . . . . .	304	77	(D)	(D)
OTHER STATES . . . . .	108	79	-	29
NEW ENGLAND . . . . .	36	11	21	4
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE R. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS-TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
MAY 1979 (MAY 6 TO JUNE 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	484,247	348,416	102,001	33,830
STOCKS (2) . . . . .	BALES	1,006,743	751,059	246,358	69,326
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	157,811	100,518	31,922	25,371
STOCKS . . . . .	M LBS	145,709	82,541	38,023	25,145
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	24,745	14,697	5,869	4,179
STOCKS . . . . .	M LBS	27,165	14,767	7,580	4,818
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	133,066	85,821	26,053	21,192
STOCKS . . . . .	M LBS	118,544	67,774	30,443	20,327
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,458	12,118	3,933	1,407
ACTIVE SPINDLE . . . . .	THOUSANDS	16,439	11,411	3,718	1,310
HOURS OPERATED . . . . .	MILLIONS	8,183	5,629	1,876	678
APRIL 1979 (APRIL 1 TO MAY 5)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	583,965	417,255	127,698	39,012
STOCKS (2) . . . . .	BALES	1,094,968	776,494	250,064	68,410
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	191,197	120,953	39,166	31,078
STOCKS . . . . .	M LBS	143,032	82,511	36,860	23,661
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	33,290	19,937	7,579	5,774
STOCKS . . . . .	M LBS	29,615	16,435	8,036	5,144
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	157,907	101,016	31,587	25,304
STOCKS . . . . .	M LBS	113,417	66,076	28,824	18,517
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,467	12,138	3,925	1,404
ACTIVE SPINDLE . . . . .	THOUSANDS	16,440	11,409	3,721	1,310
HOURS OPERATED . . . . .	MILLIONS	9,941	6,886	2,274	781

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for May and 20 for April.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	April 1979	March 1979	Cotton season 9 months through April 1979
<b>COTTON</b>			
Total.....	602,489	573,619	4,284,225
Canada.....	28,299	22,392	171,021
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	16,243	19,523	162,282
Republic of Philippines.....	18,808	8,571	83,457
Republic of Korea.....	117,422	101,097	885,314
China-Taiwan.....	52,782	47,378	279,155
Japan.....	109,152	126,542	946,210
Other countries.....	259,723	248,116	1,756,786
<b>LINTERS</b>			
Total.....	14,737	9,208	99,000
Canada.....	1,456	1,700	18,687
Mexico.....	811	516	12,165
United Kingdom.....	80	-	473
Federal Republic of Germany.....	6,395	-	19,579
Japan.....	3,381	4,506	33,206
Other countries.....	2,614	2,486	14,890
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	51,702	73,671	528,719
Canada.....	6,848	11,184	70,465
Brazil.....	309	294	3,615
United Kingdom.....	2,132	1,729	12,513
Netherlands.....	650	453	4,459
Belgium.....	2,535	2,966	27,762
Federal Republic of Germany.....	967	1,544	7,384
Switzerland.....	378	39	2,478
U.S.S.R.....	854	-	4,213
Hong Kong.....	48	3,187	22,115
Japan.....	1,785	2,888	23,342
Australia.....	1,507	1,355	14,727
Other countries.....	33,689	48,032	335,646

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242; 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	April 1979	March 1979	Cotton season 9 months through April 1979
COTTON			
Total.....	1,976	188	3,362
Mexico.....	-	-	243
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	78	-	814
Egypt.....	-	188	188
Sudan.....	1,788	-	1,788
Other countries.....	110	-	329
LINTERS			
Total.....	8,506	4,821	47,367
Mexico.....	2,886	3,203	23,313
Brazil.....	481	387	1,804
Other countries.....	5,139	1,231	22,250
MANMADE FIBER STAPLE AND TOW			
Total.....	3,881	4,455	30,850
Canada.....	248	328	2,749
United Kingdom.....	362	106	1,686
France.....	-	57	2,964
Federal Republic of Germany.....	822	611	5,917
Austria.....	1,802	1,858	5,417
Switzerland.....	-	-	2
Italy.....	72	293	809
Japan.....	34	172	1,966
Other countries.....	541	1,030	9,340

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1978/79 forecast	1977/78 preliminary	1976/77
Supply.....	83.8	84.9	81.6
Stock, August 1.....	24.1	21.0	24.2
Production.....	59.7	63.9	57.4
Distribution.....	83.5	84.9	81.7
Consumption.....	62.3	60.8	60.7
Stocks, July 31.....	21.2	24.1	21.0
Difference <sup>1</sup> .....	-0.3	0.0	+0.1

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

## CONTACTS FOR DATA USERS

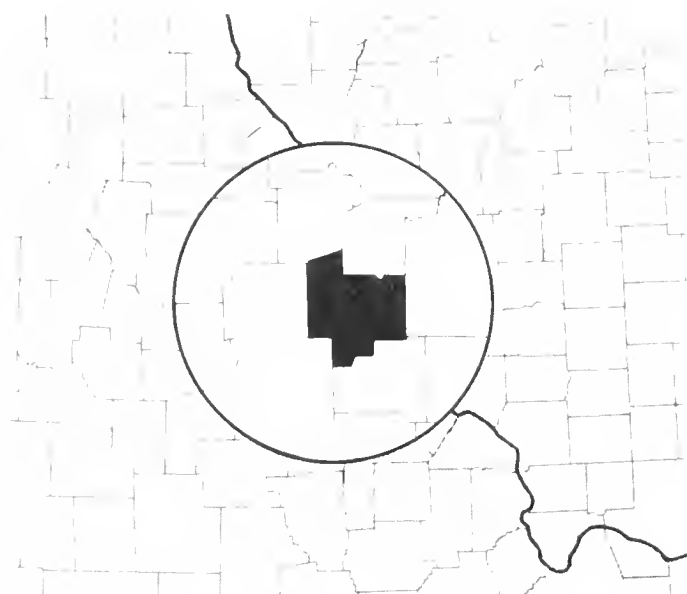
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# Consumption on the Cotton System

JUNE 1979

M22P(79)-11

Issued August 1979



U.S. Department of Commerce  
BUREAU OF THE CENSUS

1722 P (79)-11

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
June (4 weeks).....	23,704	23,407	297	7,417	1,217	6,200	5,919	144,310	384
May (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406
October (4 weeks).....	24,628	24,370	258	7,755	1,529	6,226	7,955	127,540	398
September (5 weeks).....	24,557	24,290	267	7,730	1,546	6,184	6,497	129,176	396
August (4 weeks).....	24,154	23,903	251	7,775	1,558	6,217	4,816	135,007	394
July (4 weeks).....	22,459	22,193	266	7,513	1,470	6,043	4,510	145,231	393
June (5 weeks).....	23,979	23,714	265	7,628	1,527	6,101	4,694	147,355	393

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room July 23, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
May (4 weeks).....	24,212	23,929	283	7,890	1,237	6,653	5,233	145,709	409
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,871	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334
June (5 weeks).....	24,635	24,378	257	7,898	1,583	6,315	3,370	144,997	406
May (4 weeks).....	25,369	25,087	282	8,121	1,671	6,450	4,196	146,811	417

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1979			
May (4 weeks).....	66	54	300
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
1978			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296
September (5 weeks).....	65	64	294
August (4 weeks).....	63	63	284
July (4 weeks).....	62	63	284
June (5 weeks).....	63	63	291
May (4 weeks).....	66	60	293

TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	MAY 1979 (MAY 6 TO JUNE 2)		APRIL 1979 (APRIL 1 TO MAY 5)		MAY 1978 (APRIL 30 TO MAY 27)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	484,247	241,211	583,965	292,052	483,460	242,055
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	481,380	239,792	580,903	290,522	481,281	240,956
ALABAMA . . . . .	58,280	29,157	77,269	38,725	64,931	32,584
GEORGIA . . . . .	91,630	45,396	109,883	54,833	85,749	43,036
NORTH CAROLINA . . . . .	169,353	84,427	197,970	98,919	164,485	82,036
SOUTH CAROLINA . . . . .	120,779	60,468	145,816	72,997	128,062	64,259
TENNESSEE . . . . .	9,410	4,608	11,417	5,597	9,762	4,817
TEXAS . . . . .	4,611	2,319	6,108	3,115	5,086	2,556
VIRGINIA . . . . .	17,037	8,263	19,759	9,887	14,719	7,360
OTHER STATES. . . . .	10,280	5,154	12,681	6,449	8,487	4,308
NEW ENGLAND. . . . .	2,562	1,264	2,661	1,327	1,853	931
REST OF UNITED STATES. . . . .	305	155	401	203	326	168
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	478,587	238,415	577,987	289,083	478,008	239,318
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	25,381	12,654	32,238	15,539	31,270	15,636
1 INCH AND 1-1/32 INCH STAPLES. . . . .	122,299	61,314	152,561	76,326	123,098	61,713
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	290,233	145,036	347,623	173,732	284,032	142,196
STAPLES LONGER THAN 1-3/32 INCH . . . . .	28,474	14,199	30,676	15,318	26,857	13,474
STAPLES NOT SPECIFIED BY KIND . . . . .	12,200	5,212	14,889	8,168	12,751	6,299
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,281	2,628	7,597	3,844	4,895	2,441
FOREIGN COTTON, TOTAL. . . . .	379	168	781	3125	557	296
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	379	168	781	3125	557	296
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	157,811	(X)	191,197	(X)	157,327
RAYON AND ACETATE . . . . .	(X)	24,745	(X)	33,290	(X)	27,635
NYLON . . . . .	(X)	9,926	(X)	11,257	(X)	9,281
ACRYLIC AND MODACRYLIC. . . . .	(X)	14,769	(X)	18,025	(X)	15,130
POLYESTER . . . . .	(X)	106,937	(X)	127,027	(X)	104,282
OTHER MANMADE FIBER . . . . .	(X)	1,434	(X)	1,598	(X)	999

Note: Cotton - bales are running bales except that imports are in 400 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not available.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for May 1979; 25 for April 1979 and 20 for May 1978.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for May 1979; 31,288 for April 1979; and 29,848 for May 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	JUNE 30, 1979		JUNE 2, 1976		JULY 1, 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	969,458	484,337	1,065,849	532,392	1,106,206	553,099
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	962,194	480,742	1,060,404	529,703	1,102,289	551,109
ALABAMA . . . . .	121,768	60,731	130,828	65,467	149,081	74,791
CALIFORNIA . . . . .	134,092	67,118	147,666	73,671	144,531	72,647
GEORGIA . . . . .	310,377	155,233	346,834	173,407	369,944	184,324
NORTH CAROLINA . . . . .	332,352	166,082	364,007	181,913	378,959	189,730
SOUTH CAROLINA . . . . .	27,431	13,337	32,414	15,784	26,816	13,095
TENNESSEE . . . . .	10,085	5,095	10,860	5,463	9,996	5,031
TEXAS . . . . .	15,603	7,829	16,232	8,145	14,839	7,397
VIRGINIA . . . . .	10,486	5,317	11,563	5,853	8,123	4,094
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	6,777	3,357	4,971	2,453	3,509	1,784
REST OF UNITED STATES . . . . .	487	238	474	236	408	206
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	952,663	476,082	1,049,403	524,320	1,092,167	546,091
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	14,495	7,198	14,739	7,297	12,754	6,302
FOREIGN COTTON, TOTAL . . . . .	2,300	1,057	1,707	775	1,285	706
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	1,280	625	625	306	1,285	706
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	1,020	432	1,082	469		
MANMADE FIBER STAPLE (1) . . . . .	(X)	142,001	(X)	143,008	(X)	110,742
RAYON AND ACETATE . . . . .	(X)	23,943	(X)	27,169	(X)	22,902
NYLON . . . . .	(X)	8,932	(X)	8,304	(X)	6,394
ACRYLIC AND MODACRYLIC . . . . .	(X)	17,324	(X)	15,905	(X)	10,509
POLYESTER . . . . .	(X)	90,716	(X)	90,848	(X)	70,202
OTHER MANMADE FIBER . . . . .	(X)	1,086	(X)	782	(X)	735

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.



TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	JUNE 30, 1979	JUNE 2, 1978	JULY 1, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	3,280,671	4,173,660	4,414,290
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	3,280,590	4,173,567	4,414,191
ALABAMA . . . . .	90,490	114,366	162,421
ARIZONA . . . . .	201,183	274,740	245,734
ARKANSAS . . . . .	120,986	154,202	207,396
CALIFORNIA . . . . .	376,122	489,473	553,166
GEORGIA . . . . .	129,601	150,583	148,398
LOUISIANA . . . . .	97,895	128,571	155,334
MISSISSIPPI . . . . .	260,907	340,010	405,775
MISSOURI . . . . .	35,811	52,372	75,318
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA . . . . .	110,422	133,051	138,872
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	178,394	204,615	240,615
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	1,364,989	1,737,192	1,759,924
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	313,790	394,392	321,238
NEW ENGLAND . . . . .	81	93	99
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	3,230,834	4,115,235	4,350,394
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	46,632	55,220	60,163
FOREIGN COTTON, TOTAL (2). . . . .	3,205	3,205	3,733
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area. <sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on June 30, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JUNE 1979 (JUNE 3 TO JUNE 30)	MAY 1979 (MAY 6 TO JUNE 2)	JUNE 1978 (JUNE 28 TO JULY 1)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	80,733	79,879	96,204
BLEACHERS:- RUNNING BALES . . . . .	DO	66,234	64,033	71,433
GROSS WEIGHT. . . . .	M. LBS.	41,119	39,700	44,283
OTHER CONSUMERS . . . . .	RUN. BALES	14,500	15,846	24,771
PACIFIC AND MOUNTAIN STATES. . . . .	DO	2,637	2,835	4,149
ALL OTHER STATES . . . . .	DO	11,863	13,011	20,622
STOCKS, TOTAL (END OF PERIOD). . . . .	RUN. BALES	230,255	267,573	269,783
BLEACHERS:- RUNNING BALES . . . . .	DO	128,102	152,850	153,103
GROSS WEIGHT. . . . .	M. LBS.	80,240	92,251	95,492
OTHER CONSUMERS . . . . .	RUN. BALES	26,656	27,933	34,343
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,440	3,408	4,300
ALL OTHER STATES . . . . .	DO	23,216	24,025	30,043
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	4,544	7,061	5,804
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,544	7,061	5,804
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	70,953	79,729	76,533

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JUNE 1979 JUNE 3 TO JUNE 30				
UNITED STATES, TOTAL . . . . .	17,444	6,427	2,365	7,477
COTTON GROWING STATES . . . . .	17,172	6,370	2,323	7,460
ALABAMA . . . . .	1,733	787	147	750
GEORGIA . . . . .	2,082	1,026	147	816
NORTH CAROLINA . . . . .	5,821	2,507	872	1,945
SOUTH CAROLINA . . . . .	6,256	1,460	1,102	3,347
TENNESSEE . . . . .	416	298	(D)	86
TEXAS . . . . .	158	25	(D)	(D)
VIRGINIA . . . . .	525	138	(D)	(D)
OTHER STATES . . . . .	181	129	-	50
NEW ENGLAND . . . . .	272	57	42	17
REST OF UNITED STATES . . . . .				
MAY 1979 MAY 6 TO JUNE 5				
UNITED STATES, TOTAL . . . . .	17,457	6,430	2,342	7,674
COTTON GROWING STATES . . . . .	17,185	6,386	2,300	7,657
ALABAMA . . . . .	1,746	792	146	763
GEORGIA . . . . .	2,080	1,030	143	816
NORTH CAROLINA . . . . .	5,828	2,518	867	2,142
SOUTH CAROLINA . . . . .	6,256	1,457	1,090	3,334
TENNESSEE . . . . .	415	298	(D)	86
TEXAS . . . . .	158	25	(D)	(D)
VIRGINIA . . . . .	521	138	(D)	(D)
OTHER STATES . . . . .	181	128	-	50
NEW ENGLAND . . . . .	272	44	42	17
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JUNE 1979 (JUNE 5 TO JUNE 30)				
UNITED STATES, TOTAL . . . . .	7,929	3,246	1,047	3,636
COTTON GROWING STATES . . . . .	7,899	3,237	1,029	3,633
ALABAMA . . . . .	775	406	73	296
GEORGIA . . . . .	899	490	63	346
NORTH CAROLINA . . . . .	2,755	1,362	391	1,002
SOUTH CAROLINA . . . . .	2,892	741	478	1,673
TENNESSEE . . . . .	174	101	(D)	(D)
TEXAS . . . . .	64	7	(D)	(D)
VIRGINIA . . . . .	252	66	(D)	(D)
OTHER STATES . . . . .	88	64	-	24
NEW ENGLAND . . . . .	30	9	18	3
REST OF UNITED STATES . . . . .				
MAY 1979 (MAY 6 TO JUNE 2)				
UNITED STATES, TOTAL . . . . .	8,216	3,330	1,098	3,788
COTTON GROWING STATES . . . . .	8,186	3,321	1,080	3,785
ALABAMA . . . . .	804	409	70	325
GEORGIA . . . . .	932	499	67	366
NORTH CAROLINA . . . . .	2,768	1,362	398	1,008
SOUTH CAROLINA . . . . .	3,059	767	520	1,772
TENNESSEE . . . . .	217	146	(D)	(D)
TEXAS . . . . .	65	7	(D)	(D)
VIRGINIA . . . . .	254	68	(D)	(D)
OTHER STATES . . . . .	87	63	-	24
NEW ENGLAND . . . . .	30	9	18	3
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
5 percent or more from previously published figures.

<sup>r</sup>Revised by

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JUNE 1979 (JUNE 3 TO JUNE 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	486,997	349,316	103,361	34,320
STOCKS (2) . . . . .	BALES	969,458	679,699	225,837	63,922
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	153,582	96,990	32,209	24,383
STOCKS . . . . .	M LBS	142,001	81,185	37,424	23,392
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	25,234	14,886	5,893	4,455
STOCKS . . . . .	M LBS	23,943	13,059	6,938	3,946
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	128,348	82,104	26,316	19,928
STOCKS . . . . .	M LBS	118,058	68,126	30,486	19,446
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,444	12,125	3,912	1,407
ACTIVE SPINDLE . . . . .	THOUSANDS	16,269	11,269	3,686	1,314
HOURS OPERATED . . . . .	MILLIONS	7,929	5,428	1,865	636
MAY 1979 (MAY 6 TO JUNE 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	483,869	347,630	102,092	34,147
STOCKS (2) . . . . .	BALES	1,065,849	749,414	246,994	69,441
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	156,296	100,180	31,793	24,323
STOCKS . . . . .	M LBS	143,008	80,581	37,478	24,949
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	25,060	14,898	5,909	4,253
STOCKS . . . . .	M LBS	27,169	14,789	7,555	4,825
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	131,236	85,282	25,884	20,070
STOCKS . . . . .	M LBS	115,839	65,792	29,923	20,124
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,457	12,118	3,932	1,407
ACTIVE SPINDLE . . . . .	THOUSANDS	16,446	11,431	3,718	1,297
HOURS OPERATED . . . . .	MILLIONS	8,216	5,691	1,861	664

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for May and 20 for April.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, thousand pounds for lintens and staple)

Country to which exported	May 1979	April 1979	Cotton season 10 months through May 1979
<b>COTTON</b>			
Total.....	542,379	602,489	4,826,604
Canada.....	23,083	28,299	194,104
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	19,916	16,243	182,198
Republic of Philippines.....	18,529	18,868	101,986
Republic of Korea.....	121,996	117,422	1,007,310
China-Taiwan.....	37,169	52,782	316,324
Japan.....	118,442	109,152	1,064,652
Other countries.....	203,244	259,723	1,960,030
<b>LINTERS</b>			
Total.....	8,205	14,737	107,205
Canada.....	1,408	1,456	20,095
Mexico.....	1,680	811	13,845
United Kingdom.....	-	80	473
Federal Republic of Germany.....	-	6,395	19,579
Japan.....	1,915	3,381	35,121
Other countries.....	3,202	2,614	18,092
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	62,526	51,702	591,245
Canada.....	6,881	6,848	77,346
Brazil.....	400	309	4,015
United Kingdom.....	3,915	2,132	16,428
Netherlands.....	477	650	4,936
Belgium.....	3,466	2,535	31,228
Federal Republic of Germany.....	1,826	967	9,210
Switzerland.....	123	378	2,601
U.S.S.R.....	1,738	854	5,951
Hong Kong.....	2,393	48	24,508
Japan.....	2,755	1,785	26,097
Australia.....	1,732	1,507	16,459
Other countries.....	36,820	33,689	372,466

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; lintens, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242, 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS

(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	May 1979	April 1979	Cotton season 10 months through May 1979
<b>COTTON</b>			
Total.....	338	1,976	3,700
Mexico.....	-	-	243
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	78	814
Egypt.....	338	-	526
Sudan.....	-	1,788	1,788
Other countries.....	-	110	329
<b>LINTERS</b>			
Total.....	7,442	8,506	54,809
Mexico.....	2,701	2,886	26,014
Brazil.....	97	481	1,901
Other countries.....	4,644	5,139	26,894
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	2,767	3,881	33,617
Canada.....	227	248	2,976
United Kingdom.....	134	362	1,820
France.....	50	-	3,014
Federal Republic of Germany.....	627	822	6,544
Austria.....	31	1,802	5,448
Switzerland.....	-	-	2
Italy.....	337	72	1,146
Japan.....	165	34	2,131
Other countries.....	1,196	541	10,536

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000, manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1978 79 forecast	1977 78 preliminary	1976 77
Supply.....	83.8	85.0	81.6
Stock, August 1.....	24.1	21.0	24.2
Production.....	59.7	64.0	57.4
Distribution.....	84.0	85.2	82.0
Consumption.....	62.8	61.1	61.0
Stocks, July 31.....	21.2	24.1	21.0
Difference <sup>1</sup> .....	+0.2	+0.2	+0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

(a) *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

(b) *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

(c) *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

(d) *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

(e) *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

(f) *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

(g) *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.



The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
T-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
T-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Dorothy Dunham	(301) 763-5511

## CONTACTS FOR DATA USERS

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

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# Consumption on the Cotton System

JULY 1979

M22P(79)-12

Issued September 1979

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M22P(79) 12

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 13.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
July (5 weeks).....	22,521	22,268	253	7,324	1,226	6,098	5,628	147,439	384
June (4 weeks).....	23,803	23,518	285	7,435	1,254	6,181	5,873	145,029	386
May (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,504	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,428	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,471	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406
October (4 weeks).....	24,628	24,370	258	7,755	1,529	6,226	7,955	127,540	398
September (5 weeks).....	24,557	24,290	267	7,730	1,546	6,184	6,497	129,176	396
August (4 weeks).....	24,154	23,903	251	7,775	1,558	6,217	4,816	135,007	394
July (4 weeks).....	22,459	22,193	266	7,513	1,470	6,043	4,510	145,231	393

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room Aug. 24, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
July (5 weeks).....	19,785	19,574	211	6,316	1,047	5,269	3,540	146,259	326
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405
July (4 weeks).....	19,730	19,508	222	6,476	1,255	5,221	2,837	144,069	334

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1979</b>			
July (5 weeks).....	63	58	289
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
<b>1978</b>			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296
September (5 weeks).....	65	64	294
August (4 weeks).....	63	63	284
July (4 weeks).....	62	63	284



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	JULY 1979 (JULY 1 TO AUG. 4)		JUNE 1979 (JUNE 3 TO JUNE 30)		JULY 1978 (JULY 2 TO JULY 29)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	494,627	247,225	489,086	244,510	383,373	192,116
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	492,353	246,076	486,539	243,220	381,868	191,360
ALABAMA . . . . .	61,991	31,087	61,972	30,947	49,851	24,997
GEORGIA . . . . .	90,945	45,228	89,158	44,321	69,777	35,045
NORTH CAROLINA. . . . .	182,456	91,034	176,377	88,180	133,026	66,442
SOUTH CAROLINA. . . . .	118,797	59,667	120,067	60,320	100,322	50,434
TENNESSEE . . . . .	9,966	4,875	9,019	4,412	7,621	3,752
TEXAS . . . . .	4,463	2,277	4,219	2,151	4,121	2,072
VIRGINIA. . . . .	14,490	7,270	15,263	7,650	10,847	5,427
OTHER STATES. . . . .	9,245	4,638	10,464	5,239	6,303	3,191
NEW ENGLAND. . . . .	1,873	948	2,183	1,105	1,205	603
REST OF UNITED STATES. . . . .	401	201	364	185	300	153
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	489,353	244,591	483,541	241,741	379,013	189,936
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	26,311	12,823	24,670	12,183	23,778	11,832
1 INCH AND 1-1/32 INCH STAPLES. . . . .	136,017	67,570	128,331	64,123	95,439	47,803
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	286,657	143,355	288,719	144,495	227,385	113,854
STAPLES LONGER THAN 1-3/32 INCH . . . . .	28,258	14,195	29,491	14,813	22,266	11,162
STAPLES NOT SPECIFIED BY KIND . . . . .	12,110	6,648	12,330	6,127	10,145	5,285
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,981	2,498	5,275	2,640	4,077	2,035
FOREIGN COTTON, TOTAL. . . . .	293	136	270	129	283	145
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	293	136	270	129	283	145
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	157,913	(X)	153,932	(X)	126,176
RAYON AND ACETATE . . . . .	(X)	26,178	(X)	25,994	(X)	22,770
NYLON . . . . .	(X)	11,520	(X)	10,881	(X)	7,292
ACRYLIC AND MODACRYLIC. . . . .	(X)	14,120	(X)	13,933	(X)	12,504
POLYESTER . . . . .	(X)	104,875	(X)	101,830	(X)	82,847
OTHER MANMADE FIBER . . . . .	(X)	1,220	(X)	1,294	(X)	763

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for July 1979; 20 for June 1979; and 20 for July 1978.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for July 1979; 26,482 for June 1979; and 21,711 for July 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	AUGUST 4, 1970		JUNE 30, 1970		JULY 29, 1970	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	928,731	464,184	969,243	484,295	1,119,877	560,007
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	924,519	462,122	962,168	480,803	1,116,002	558,031
ALABAMA . . . . .	120,540	59,832	121,330	60,290	150,099	75,309
CALIFORNIA . . . . .	132,374	66,313	129,986	65,194	147,921	74,581
GEORGIA . . . . .	286,791	142,969	309,078	153,830	377,702	187,989
NORTH CAROLINA . . . . .	321,651	161,537	334,712	168,191	379,795	190,018
SOUTH CAROLINA . . . . .	22,269	10,946	27,870	13,555	25,731	12,679
TENNESSEE . . . . .	10,099	5,066	10,148	5,120	10,538	5,295
TEXAS . . . . .	17,525	8,786	17,290	8,669	15,576	7,812
VIRGINIA . . . . .	13,270	6,673	11,754	5,954	8,640	4,348
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	3,702	1,811	6,588	3,254	3,459	1,766
REST OF UNITED STATES . . . . .	510	251	487	238	416	210
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	911,397	455,690	954,254	476,924	1,104,607	552,483
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	15,515	7,668	13,064	6,494	13,315	6,552
FOREIGN COTTON, TOTAL . . . . .	1,819	826	1,925	877	1,955	972
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	822	402	890	437	1,955	972
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	997	424	1,035	440		
MANMADE FIBER STAPLE (1) . . . . .	(X)	146,259	(X)	142,709	(X)	110,298
RAYON AND ACETATE . . . . .	(X)	23,994	(X)	24,970	(X)	24,337
NYLON . . . . .	(X)	9,947	(X)	9,066	(X)	6,959
ACRYLIC AND MODACRYLIC . . . . .	(X)	17,221	(X)	16,890	(X)	10,214
POLYESTER . . . . .	(X)	94,251	(X)	90,829	(X)	67,948
OTHER MANMADE FIBER . . . . .	(X)	846	(X)	954	(X)	840

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	AUGUST 4, 1979	JUNE 30, 1979	JULY 29, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	2,610,799	3,248,243	3,806,517
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	2,610,728	3,248,243	3,806,428
ALABAMA . . . . .	73,057	90,599	141,850
ARIZONA . . . . .	143,401	200,123	187,743
ARKANSAS . . . . .	81,230	120,986	166,610
CALIFORNIA . . . . .	273,242	373,140	419,215
GEORGIA . . . . .	117,692	130,333	147,852
LOUISIANA . . . . .	60,367	97,895	110,705
MISSISSIPPI . . . . .	185,289	260,907	330,977
MISSOURI . . . . .	20,446	35,811	61,538
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA . . . . .	92,391	111,539	134,144
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	156,989	178,152	237,327
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	1,141,747	1,364,968	1,568,635
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	264,877	310,265	299,832
NEW ENGLAND . . . . .	71	81	89
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	2,576,366	3,233,038	3,753,824
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	31,776	142,081	49,138
FOREIGN COTTON, TOTAL (2) . . . . .	2,657	3,205	3,555
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero.

D<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised.

<sup>1</sup>Included in other States in the same area. <sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on August 4, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JULY 1979 (JULY 1 TO AUG. 4)	JUNE 1979 (JUNE 3 TO JUNE 30)	JULY 1978 (JULY 2 TO JULY 29)
CONSUMPTION, TOTAL . . . . .	RUN.BALES	53,245	80,476	49,380
BLEACHERS:- RUNNING BALES . . . . .	DO	38,616	66,239	32,231
GROSS WEIGHT. . . . .	M. LBS.	24,337	41,118	19,657
OTHER CONSUMERS . . . . .	RUN.BALES	14,629	14,237	17,149
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,807	2,619	3,141
ALL OTHER STATES . . . . .	DO	11,822	11,618	14,008
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN.BALES	227,741	230,187	280,513
BLEACHERS:- RUNNING BALES . . . . .	DO	140,980	128,102	169,674
GROSS WEIGHT. . . . .	M. LBS.	88,381	80,240	106,687
OTHER CONSUMERS . . . . .	RUN.BALES	25,936	27,169	35,518
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,263	3,537	4,213
ALL OTHER STATES . . . . .	DO	22,673	23,632	31,305
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	3,668	4,544	6,247
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,668	4,544	6,247
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	57,157	70,372	69,074

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JULY 1979 (JULY 1 TO AUGUST 4)				
UNITED STATES, TOTAL . . . . .	17,373	6,434	2,371	7,490
COTTON GROWING STATES . . . . .	17,101	6,391	2,329	7,476
ALABAMA . . . . .	1,720	782	145	739
GEORGIA . . . . .	2,086	1,021	150	842
NORTH CAROLINA . . . . .	5,822	2,507	856	2,097
SOUTH CAROLINA . . . . .	6,198	1,485	1,108	3,243
TENNESSEE . . . . .	416	299	(D)	86
TEXAS . . . . .	157	25	(D)	(D)
VIRGINIA . . . . .	521	145	(D)	(D)
OTHER STATES . . . . .	181	127	-	51
NEW ENGLAND . . . . .	272	43	42	14
REST OF UNITED STATES . . . . .				
JUNE 1979 (JUNE 3 TO JUNE 30)				
UNITED STATES, TOTAL . . . . .	17,447	6,443	2,384	7,604
COTTON GROWING STATES . . . . .	17,175	6,386	2,342	7,586
ALABAMA . . . . .	1,732	787	148	748
GEORGIA . . . . .	2,082	1,030	148	832
NORTH CAROLINA . . . . .	5,825	2,506	874	2,116
SOUTH CAROLINA . . . . .	6,256	1,470	1,112	3,294
TENNESSEE . . . . .	416	298	(D)	86
TEXAS . . . . .	158	25	(D)	(D)
VIRGINIA . . . . .	525	141	(D)	(D)
OTHER STATES . . . . .	181	129	-	50
NEW ENGLAND . . . . .	272	57	42	18
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
5 percent or more from previously published figures.

<sup>r</sup> Revised by

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JULY 1973 (JULY 1 TO AUG. 4)				
UNITED STATES, TOTAL . . . . .	8,150	3,352	1,126	3,672
COTTON GROWING STATES . . . . .	8,125	3,344	1,112	3,669
ALABAMA . . . . .	824	443	76	305
GEORGIA . . . . .	822	412	66	344
NORTH CAROLINA . . . . .	2,441	1,444	417	1,080
SOUTH CAROLINA . . . . .	2,955	796	522	1,637
TENNESSEE . . . . .	193	115	(D)	(D)
TEXAS . . . . .	62	9	(D)	(D)
VIRGINIA . . . . .	219	47	(D)	(D)
OTHER STATES . . . . .	109	78	-	31
NEW ENGLAND . . . . .	25	8	14	3
REST OF UNITED STATES . . . . .				
JUNE 1973 (JUNE 3 TO JUNE 30)				
UNITED STATES, TOTAL . . . . .	7,959	3,289	1,058	3,612
COTTON GROWING STATES . . . . .	7,929	3,280	1,040	3,609
ALABAMA . . . . .	782	413	74	295
GEORGIA . . . . .	900	499	64	337
NORTH CAROLINA . . . . .	2,785	1,375	400	1,010
SOUTH CAROLINA . . . . .	2,893	758	478	1,657
TENNESSEE . . . . .	173	100	(D)	(D)
TEXAS . . . . .	64	7	(D)	(D)
VIRGINIA . . . . .	244	64	(D)	(D)
OTHER STATES . . . . .	88	64	-	24
NEW ENGLAND . . . . .	30	9	18	3
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JULY 1979 (JULY 1 TO AUGUST 4)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	494,627	351,815	109,987	32,825
STOCKS (2) . . . . .	BALES	928,731	650,200	217,135	61,396
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	157,913	99,197	34,312	24,404
STOCKS . . . . .	M LBS	146,259	84,158	36,623	25,478
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	26,178	15,005	6,057	5,116
STOCKS . . . . .	M LBS	23,994	12,779	6,956	4,259
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	131,735	84,192	28,255	19,288
STOCKS . . . . .	M LBS	122,265	71,379	29,667	21,219
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,373	12,063	3,917	1,393
ACTIVE SPINDLE . . . . .	THOUSANDS	16,295	11,317	3,677	1,301
HOURS OPERATED . . . . .	MILLIONS	8,150	5,501	1,988	661
JUNE 1979 (JUNE 3 TO JUNE 30)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	489,086	351,291	104,450	33,345
STOCKS (2) . . . . .	BALES	969,243	680,909	225,535	62,799
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	153,932	97,746	32,474	23,712
STOCKS . . . . .	M LBS	142,709	81,180	37,651	23,878
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	25,994	15,241	<sup>r</sup> 6,330	4,423
STOCKS . . . . .	M LBS	24,970	13,782	7,118	4,070
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	127,938	82,505	26,144	19,289
STOCKS . . . . .	M LBS	117,739	67,398	30,533	19,808
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,447	12,135	3,919	1,393
ACTIVE SPINDLE . . . . .	THOUSANDS	16,431	11,425	3,692	1,314
HOURS OPERATED . . . . .	MILLIONS	7,959	5,434	1,880	645

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for July and 20 for June.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for lintners and staple)

Country to which exported	June 1979	May 1979	Cotton season 11 months through June 1979
COTTON			
Total.....	613,519	542,379	5,440,123
Canada.....	10,850	23,083	204,954
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	24,948	19,916	207,146
Republic of Philippines.....	10,545	18,529	112,531
Republic of Korea.....	128,024	121,996	1,135,334
China-Taiwan.....	72,583	37,169	388,907
Japan.....	95,711	118,442	1,160,363
Other countries.....	270,858	203,244	2,230,888
LINTERS			
Total.....	10,900	8,205	118,105
Canada.....	1,432	1,408	21,527
Mexico.....	2,100	1,680	15,945
United Kingdom.....	161	-	634
Federal Republic of Germany.....	3,694	-	23,273
Japan.....	3,127	1,915	38,248
Other countries.....	386	3,202	18,478
MANMADE FIBER STAPLE AND TOW			
Total.....	69,114	62,526	660,359
Canada.....	9,375	6,881	86,721
Brazil.....	286	400	4,301
United Kingdom.....	2,752	3,915	19,180
Netherlands.....	639	477	5,575
Belgium.....	2,799	3,466	34,027
Federal Republic of Germany.....	1,470	1,826	10,680
Switzerland.....	199	123	2,800
U.S.S.R.....	-	1,738	5,951
Hong Kong.....	4,729	2,393	29,237
Japan.....	2,663	2,755	28,760
Australia.....	2,061	1,732	18,520
Other countries.....	42,141	36,820	414,607

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; lintners, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242; 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	June 1979	May 1979	Cotton season 11 months through June 1979
<b>COTTON</b>			
Total.....	-	338	3,700
Mexico.....	-	-	243
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	814
Egypt.....	-	338	526
Sudan.....	-	-	1,788
Other countries.....	-	-	329
<b>LINTERS</b>			
Total.....	3,432	7,442	58,241
Mexico.....	2,469	2,701	28,483
Brazil.....	963	97	2,864
Other countries.....	-	4,644	26,894
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	3,065	2,767	36,682
Canada.....	119	227	3,095
United Kingdom.....	123	134	1,943
France.....	45	50	3,059
Federal Republic of Germany.....	1,571	627	8,115
Austria.....	51	31	5,499
Switzerland.....	-	-	2
Italy.....	58	337	1,204
Japan.....	311	165	2,442
Other countries.....	787	1,196	11,323

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1978/79 forecast	1977/78 preliminary	1976/77
Supply.....	83.8	85.0	81.6
Stock, August 1.....	24.1	21.0	24.2
Production.....	59.7	64.0	57.4
Distribution.....	84.0	85.2	82.0
Consumption.....	62.8	61.1	61.0
Stocks, July 31.....	21.2	24.1	21.0
Difference <sup>1</sup> .....	+0.2	+0.2	+0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.



## CURRENT INDUSTRIAL REPORTS

Supplement to Series M22P

## SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1978-1979

The figure on the cotton "carry-over" in the United States as of August 4, 1979 is 3,789,530 bales, according to the Bureau of the Census, Department of Commerce. (LINTERS ARE NOT INCLUDED.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere<sup>1</sup>.

(Running bales, except that imported cotton is in equivalent 500-pound bales)

Supply and distribution	Number of bales
SUPPLY	
Stocks, July 29, 1978, total <sup>1</sup> .....	5,326,394
In consuming establishments.....	1,119,877
In public storage and at compresses.....	3,806,517
Elsewhere (partially estimated) <sup>2</sup> .....	400,000
Net import of foreign cotton <sup>3</sup> .....	3,735
Total imports for consumption.....	3,735
Less: Re-exports (other than withdrawals from bond for export).....	-
Ginnings, crop of 1978 during crop year 1978-1979.....	10,405,428
Total ginnings, crop of 1978.....	10,549,219
Less: Ginnings prior to August 1, 1978.....	143,791
Ginnings, prior to August 1, 1979 crop of 1979.....	72,197
Aggregate supply.....	15,807,754
DISTRIBUTION	
Total exports <sup>3</sup> .....	5,890,123
Consumption, adjusted to calendar year.....	6,089,593
Stocks, August 4, 1979, total <sup>1</sup> .....	3,789,530
In consuming establishments.....	928,731
In public storage and at compresses.....	2,610,799
Elsewhere (partially estimated) <sup>2</sup> .....	250,000
Aggregate distribution.....	15,769,246
Excess of reported supply over distribution.....	38,508

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other ports stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

<sup>3</sup>Figures for July imports and exports were estimated.

## SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1978-1979

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>
SUPPLY	
Stocks, July 29, 1978.....	281,513
In consuming establishments.....	205,192
In public storage.....	6,247
In oil mills.....	69,074
Elsewhere (partially estimated).....	1,000
Imports <sup>2</sup> .....	63,241
Total imports for consumption <sup>1</sup> .....	63,241
Less: Re-exports.....	-
Production.....	1,078,142
Aggregate supply.....	1,422,896
DISTRIBUTION	
Exports <sup>2</sup> .....	129,105
Consumption.....	979,611
Stocks, August 4, 1979, total.....	228,741
In consuming establishments.....	166,916
In public storage.....	3,668
In oil mills (estimate).....	57,157
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,337,457
Excess of reported supply over distribution.....	85,439

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.

<sup>2</sup>Figures for July imports and exports were estimated.

## DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a **Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

b **Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c **Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

d **Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e **Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f **"Direct" vs "Total" Commodity Export and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g **Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

#### CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Dorothy Dunham	(301) 763-5511

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# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

AUGUST 1979

M22P(80)-1  
Issued October 1979

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 13.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
August (4 weeks).....	22,859	22,610	249	7,424	1,148	6,276	5,350	153,201	389
July (5 weeks).....	22,911	22,658	253	7,612	1,262	6,350	5,615	148,316	398
June (4 weeks).....	23,803	23,518	285	7,435	1,254	6,181	5,873	145,029	386
May (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,428	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406
October (4 weeks).....	24,628	24,370	258	7,755	1,529	6,226	7,955	127,540	398
September (5 weeks).....	24,557	24,290	267	7,730	1,546	6,184	6,497	129,176	396
August (4 weeks).....	24,154	23,903	251	7,775	1,558	6,217	4,816	135,007	394

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room Sept. 25, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

or sale by the Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank. Price 30 cents per copy, \$3.90 per year.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
August (4 weeks).....	23,363	23,107	256	7,620	1,187	6,433	3,055	151,975	400
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,331	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,871	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	5,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,740	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	415
September (5 weeks).....	24,230	23,974	256	7,695	1,560	6,135	3,528	131,501	392
August (4 weeks).....	24,687	24,429	258	7,983	1,611	6,372	2,750	133,927	405

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1979			
August (4 weeks).....	64	54	298
July (5 weeks).....	65	59	301
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
1978			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296
September (5 weeks).....	65	64	294
August (4 weeks).....	63	63	284



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	AUGUST 1977 (AUG. 5 TO SEPT. 1)		JULY 1979 (JULY 1 TO AUG. 4)		AUGUST 1978 (JULY 30 TO AUG. 26)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	467,260	233,674	503,177	251,570	458,815	229,740
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	465,052	232,550	501,018	250,474	455,960	228,313
ALABAMA . . . . .	60,413	30,290	61,779	30,952	58,749	29,462
GEORGIA . . . . .	86,352	43,134	92,337	46,086	80,911	40,560
NORTH CAROLINA . . . . .	161,018	80,435	182,173	90,788	158,455	79,155
SOUTH CAROLINA . . . . .	118,054	59,105	126,564	63,588	120,133	60,486
TENNESSEE . . . . .	9,713	4,766	9,966	4,875	9,943	4,847
TEXAS . . . . .	4,453	2,212	4,463	2,277	4,954	2,521
VIRGINIA . . . . .	15,659	7,865	14,490	7,270	14,089	6,864
OTHER STATES. . . . .	9,390	4,743	9,246	4,638	8,726	4,418
NEW ENGLAND. . . . .	1,898	961	1,768	895	2,507	1,247
REST OF UNITED STATES. . . . .	310	163	391	201	348	180
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	462,145	231,136	497,902	248,935	453,683	227,211
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	24,720	12,294	25,727	12,780	27,323	13,669
1 INCH AND 1-1/32 INCH STAPLES. . . . .	119,632	59,716	135,807	67,697	109,231	54,629
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	277,580	138,937	293,065	146,695	277,273	138,769
STAPLES LONGER THAN 1-3/32 INCH . . . . .	27,597	13,859	29,411	14,810	26,965	13,522
STAPLES NOT SPECIFIED BY KIND . . . . .	12,616	6,330	13,892	6,953	12,891	6,622
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,857	2,429	4,981	2,498	4,657	2,336
FOREIGN COTTON, TOTAL. . . . .	258	109	294	137	475	193
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	258	109	294	137	475	193
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	152,398	(X)	164,084	(X)	150,512
RAYON AND ACETATE . . . . .	(X)	23,741	(X)	26,940	(X)	27,503
NYLON . . . . .	(X)	10,571	(X)	11,317	(X)	8,815
ACRYLIC AND MODACRYLIC . . . . .	(X)	13,624	(X)	14,665	(X)	14,589
POLYESTER . . . . .	(X)	103,232	(X)	109,938	(X)	98,658
OTHER MANMADE FIBER . . . . .	(X)	1,230	(X)	1,224	(X)	947

Note: Cotton - bales are running bales except that imports are in 500 lbs equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for August 1979; 25 for July 1979; and 20 for August 1978.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for August 1979; 26,491 for July 1979; and 29,959 for August 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	SEPTEMBER 1, 1970		AUGUST 4, 1970		AUGUST 26, 1970	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	861,736	428,705	927,471	463,459	1,064,977	532,275
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	857,745	426,834	923,081	461,315	1,060,692	530,095
ALABAMA . . . . .	126,450	63,067	120,337	59,718	145,606	72,586
CALIFORNIA . . . . .	121,964	60,967	128,751	64,557	147,849	74,688
GEORGIA . . . . .	260,476	124,517	286,831	142,966	356,565	177,514
NORTH CAROLINA . . . . .	289,279	145,768	323,999	162,603	354,460	177,185
SOUTH CAROLINA . . . . .	18,094	8,712	22,269	10,946	21,646	10,742
TENNESSEE . . . . .	8,368	4,193	10,099	5,066	9,327	4,690
TEXAS . . . . .	22,858	9,465	17,525	8,786	17,234	8,670
VIRGINIA . . . . .	10,256	5,145	13,270	6,673	8,005	4,020
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	3,532	1,654	3,880	1,893	3,785	1,927
REST OF UNITED STATES . . . . .	459	217	510	251	500	253
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	844,305	420,200	910,204	455,003	1,047,704	523,784
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	15,777	7,768	15,442	7,633	15,580	7,665
FOREIGN COTTON, TOTAL . . . . .	1,654	737	1,825	823	1,693	826
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	648	316	808	395	1,693	826
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	1,006	421	1,017	428		
MANMADE FIBER STAPLE (1) . . . . .	(X)	151,975	(X)	147,129	(X)	114,259
RAYON AND ACETATE . . . . .	(X)	25,516	(X)	24,357	(X)	24,979
NYLON . . . . .	(X)	11,295	(X)	10,350	(X)	8,004
ACRYLIC AND MODACRYLIC . . . . .	(X)	15,814	(X)	16,929	(X)	10,597
POLYESTER . . . . .	(X)	98,446	(X)	94,660	(X)	69,715
OTHER MANMADE FIBER . . . . .	(X)	904	(X)	833	(X)	960

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	SEPT. 1, 1979	AUG. 4, 1979	AUG. 26, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	2,193,203	2,604,530	3,461,640
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	2,193,142	2,604,459	3,461,557
ALABAMA . . . . .	54,940	73,076	110,468
ARIZONA . . . . .	(1)	143,401	137,483
ARKANSAS . . . . .	55,920	80,636	148,354
CALIFORNIA . . . . .	189,263	273,242	307,572
GEORGIA . . . . .	101,361	117,961	139,321
LOUISIANA . . . . .	33,212	59,089	81,057
MISSISSIPPI . . . . .	115,463	185,160	257,252
MISSOURI . . . . .	12,005	20,446	48,811
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	70,883	94,005	129,063
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	130,260	156,914	226,480
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	1,129,887	1,135,656	1,625,400
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	299,948	264,873	250,296
NEW ENGLAND . . . . .	61	71	83
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	2,166,537	2,570,097	3,416,823
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	23,972	31,776	42,100
FOREIGN COTTON, TOTAL (2) . . . . .	2,694	2,657	2,717
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area. <sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on September 1, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	AUGUST 1979 (AUG. 5 TO SEPT. 1)	JULY 1979 (JULY 1 TO AUG. 4)	AUGUST 1978 (JULY 30 TO AUG. 26)
CONSUMPTION, TOTAL . . . . .	RUN.BALES	70,142	53,690	64,794
BLEACHERS:- RUNNING BALES . . . . .	DO	55,859	38,962	42,568
GROSS WEIGHT . . . . .	M. LBS.	35,616	24,521	26,870
OTHER CONSUMERS . . . . .	RUN.BALES	14,283	14,728	22,226
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,063	3,261	3,635
ALL OTHER STATES . . . . .	DO	11,220	11,467	18,591
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN.BALES	201,404	228,062	273,202
BLEACHERS:- RUNNING BALES . . . . .	DO	127,214	140,980	172,651
GROSS WEIGHT . . . . .	M. LBS.	79,217	88,381	108,569
OTHER CONSUMERS . . . . .	RUN.BALES	26,326	26,250	34,492
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,187	3,557	4,020
ALL OTHER STATES . . . . .	DO	23,139	22,693	30,472
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	2,850	3,668	2,971
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,850	3,668	2,971
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	45,014	57,164	63,088

<sup>1</sup>Estimated number of running bales based on information reported in pounds.<sup>2</sup>Revised by 5 percent or more from previously published figures.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
AUGUST 1970 (AUGUST 1 TO SEPT. 1)				
UNITED STATES, TOTAL . . . . .	17,427	6,417	2,347	7,581
COTTON GROWING STATES . . . . .	17,156	6,374	2,305	7,563
ALABAMA . . . . .	1,702	786	150	719
GEORGIA . . . . .	2,085	1,016	151	830
NORTH CAROLINA . . . . .	5,831	2,501	857	2,097
SOUTH CAROLINA . . . . .	6,263	1,482	1,077	3,348
TENNESSEE . . . . .	416	297	(D)	87
TEXAS . . . . .	157	25	(D)	(D)
VIRGINIA . . . . .	521	140	(D)	(D)
OTHER STATES . . . . .	181	127	-	51
NEW ENGLAND . . . . .	271	43	42	18
REST OF UNITED STATES . . . . .				
JULY 1970 (JULY 1 TO AUGUST 4)				
UNITED STATES, TOTAL . . . . .	17,370	6,426	2,349	7,544
COTTON GROWING STATES . . . . .	17,099	6,383	2,307	7,526
ALABAMA . . . . .	1,720	781	144	739
GEORGIA . . . . .	2,085	1,027	144	843
NORTH CAROLINA . . . . .	5,818	2,500	856	2,096
SOUTH CAROLINA . . . . .	6,201	1,481	1,094	3,293
TENNESSEE . . . . .	416	298	(D)	86
TEXAS . . . . .	157	25	(D)	(D)
VIRGINIA . . . . .	521	144	(D)	(D)
OTHER STATES . . . . .	181	127	-	51
NEW ENGLAND . . . . .	271	43	42	18
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
AUGUST 1970 (AUGUST 5 TO SEPT. 1)				
UNITED STATES, TOTAL . . . . .	8,006	3,336	1,051	3,619
COTTON GROWING STATES . . . . .	7,980	3,329	1,034	3,617
ALABAMA . . . . .	788	433	75	280
GEORGIA . . . . .	897	493	62	342
NORTH CAROLINA . . . . .	2,763	1,357	372	1,034
SOUTH CAROLINA . . . . .	2,897	750	497	1,650
TENNESSEE . . . . .	219	147	(D)	(D)
TEXAS . . . . .	58	8	(D)	(D)
VIRGINIA . . . . .	254	66	(D)	(D)
OTHER STATES . . . . .	104	75	-	29
NEW ENGLAND . . . . .	26	7	17	2
REST OF UNITED STATES . . . . .				
JULY 1970 (JULY 1 TO AUGUST 4)				
UNITED STATES, TOTAL . . . . .	8,451	3,443	1,174	3,834
COTTON GROWING STATES . . . . .	8,428	3,436	1,160	3,832
ALABAMA . . . . .	827	446	76	305
GEORGIA . . . . .	935	r 493	r 75	r 367
NORTH CAROLINA . . . . .	2,943	1,439	415	1,089
SOUTH CAROLINA . . . . .	r 3,139	810	r 562	r 1,767
TENNESSEE . . . . .	193	114	(D)	(D)
TEXAS . . . . .	62	9	(D)	(D)
VIRGINIA . . . . .	221	47	(D)	(D)
OTHER STATES . . . . .	108	78	-	30
NEW ENGLAND . . . . .	23	7	14	2
REST OF UNITED STATES . . . . .				

- Represents zero.      r Revised by 5 percent or more from previously published figures.  
 (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS-TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
AUGUST 1977 (AUGUST 5 TO SEPT. 1)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	467,260	332,348	102,439	32,473
STOCKS (2) . . . . .	BALES	861,736	611,122	194,549	56,065
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	152,398	96,427	33,174	22,797
STOCKS . . . . .	M LBS	151,975	87,703	38,077	26,195
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	23,741	14,007	5,777	3,957
STOCKS . . . . .	M LBS	25,516	13,738	7,491	4,287
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	128,657	82,420	27,397	18,840
STOCKS . . . . .	M LBS	126,459	73,965	30,586	21,908
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,427	12,094	3,926	1,407
ACTIVE SPINDLE . . . . .	THOUSANDS	16,345	11,394	3,690	1,261
HOURS OPERATED . . . . .	MILLIONS	8,006	5,453	1,919	634
JULY 1977 (JULY 1 TO AUGUST 4)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	503,177	360,043	110,106	33,028
STOCKS (2) . . . . .	BALES	927,471	647,789	218,388	61,294
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	164,084	104,320	34,809	24,955
STOCKS . . . . .	M LBS	147,129	85,297	36,446	25,386
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	26,940	15,822	6,130	4,988
STOCKS . . . . .	M LBS	24,357	12,988	7,003	4,366
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	137,144	88,498	28,679	19,967
STOCKS . . . . .	M LBS	122,772	72,309	29,443	21,020
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,370	12,051	3,913	1,406
ACTIVE SPINDLE . . . . .	THOUSANDS	16,319	11,352	3,672	1,295
HOURS OPERATED . . . . .	MILLIONS	8,451	5,768	1,994	689

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for August and 25 for July.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, 480 bales for linters; thousand pounds for staple)

Country to which exported	July 1979	June 1979	Cotton season 12 months through July 1979
COTTON			
Total.....	410,308	613,519	5,850,431
Canada.....	9,103	10,850	214,057
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	17,910	24,948	225,056
Republic of Philippines.....	3,388	10,545	115,919
Republic of Korea.....	73,408	128,024	1,208,742
China-Taiwan.....	42,312	72,583	431,219
Japan.....	115,423	95,711	1,275,786
Other countries.....	148,764	270,858	2,379,652
LINTERS			
Total.....	16,994	22,708	263,041
Canada.....	4,509	2,984	49,359
Mexico.....	3,130	4,374	36,346
United Kingdom.....	73	336	1,395
Federal Republic of Germany.....	1,694	7,695	50,175
Japan.....	6,654	6,515	86,337
Other countries.....	934	804	39,429
MANMADE FIBER STAPLE AND TOW			
Total.....	63,132	69,114	723,491
Canada.....	7,819	9,375	94,540
Brazil.....	531	286	4,832
United Kingdom.....	3,137	2,752	22,317
Netherlands.....	798	639	6,373
Belgium.....	3,534	2,799	37,561
Federal Republic of Germany.....	1,596	1,470	12,276
Switzerland.....	301	199	3,101
U.S.S.R.....	509	-	6,460
Hong Kong.....	1,595	4,729	30,832
Japan.....	1,575	2,663	30,335
Australia.....	1,900	2,061	20,420
Other countries.....	39,837	42,141	454,444

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242, 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS

(Equivalent 60-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	July 1979	June 1979	Cotton season 12 months through July 1979
<b>COTTON</b>			
Total.....	123	-	4,288
Mexico.....	-	-	243
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	1,279
Egypt.....	-	-	526
Sudan.....	-	-	1,788
Other countries.....	123	-	452
<b>LINTERS</b>			
Total.....	1,940	3,432	60,181
Mexico.....	1,475	2,469	29,958
Brazil.....	465	963	3,329
Other countries.....	-	-	26,894
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	1,567	3,065	38,249
Canada.....	56	119	3,151
United Kingdom.....	118	123	2,061
France.....	-	45	3,059
Federal Republic of Germany.....	353	1,571	8,468
Austria.....	98	51	5,597
Switzerland.....	-	-	2
Italy.....	238	58	1,442
Japan.....	363	311	2,805
Other countries.....	341	787	11,664

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1978/79 forecast	1977/78 preliminary	1976/77
Supply.....	84.1	85.0	81.6
Stock, August 1.....	24.3	21.0	24.2
Production.....	59.8	64.0	57.4
Distribution.....	84.6	85.4	82.0
Consumption.....	62.9	61.1	61.0
Stocks, July 31.....	21.7	24.3	21.0
Difference <sup>1</sup> .....	+0.5	+0.4	+0.4

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.



## CURRENT INDUSTRIAL REPORTS

Supplement to Series M2P

## SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1978-1979

The figure on the cotton "carry-over" in the United States as of August 4, 1979 is 3,782,001 bales, according to the Bureau of the Census, Department of Commerce. (LINTERS ARE NOT INCLUDED.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere<sup>1</sup>.

(Running bales, except that imported cotton is in equivalent 500-pound bales)

Supply and distribution	Number of bales
SUPPLY	
Stocks, July 29, 1978, total <sup>1</sup> .....	5,326,394
In consuming establishments.....	1,119,877
In public storage and at compresses.....	3,806,517
Elsewhere (partially estimated) <sup>2</sup> .....	400,000
Net import of foreign cotton.....	4,288
Total imports for consumption.....	4,288
Less: Re-exports (other than withdrawals from bond for export).....	-
Ginnings, crop of 1978 during crop year 1978-1979.....	10,405,428
Total ginnings, crop of 1978.....	10,549,219
Less: Ginnings prior to August 1, 1978.....	143,791
Ginnings, prior to August 1, 1979 crop of 1979.....	72,197
Aggregate supply.....	15,808,307
DISTRIBUTION	
Total exports.....	5,850,431
Consumption, adjusted to calendar year.....	6,098,143
Stocks, August 4, 1979, total <sup>1</sup> .....	3,782,001
In consuming establishments.....	927,471
In public storage and at compresses.....	2,604,530
Elsewhere (partially estimated) <sup>2</sup> .....	250,000
Aggregate distribution.....	15,730,575
Excess of reported supply over distribution.....	77,732

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other ports stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

## SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1978-1979

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>
SUPPLY	
Stocks, July 29, 1978.....	281,513
In consuming establishments.....	205,192
In public storage.....	6,247
In oil mills.....	69,074
Elsewhere (partially estimated).....	1,000
Imports.....	60,181
Total imports for consumption <sup>1</sup> .....	60,181
Less: Re-exports.....	-
Production.....	1,077,074
Aggregate supply.....	1,418,768
DISTRIBUTION	
Exports.....	263,041
Consumption.....	980,056
Stocks, August 4, 1979, total.....	229,062
In consuming establishments.....	167,230
In public storage.....	3,668
In oil mills (estimate).....	57,164
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,472,159
Excess of reported distribution over supply.....	53,391

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.

## DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

**a Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

**b Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

**c Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

**d Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

**e Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

**f "Direct" vs "Total" Commodity Export and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

**g Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

#### CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports--Schedule B--Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports--Schedule A--Commodity by Country	To order Census Bureau microfiche	Dorothy Dunham	(301) 763-5511

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# Consumption on the Cotton System



J.S. Department of Commerce  
BUREAU OF THE CENSUS

SEPTEMBER 1979

M22P(80)-2  
Issued November 1979

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>2</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total running bales	Infant running bales	Long staple <sup>3</sup> running bales	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1974									
September (4 weeks).....	24,762	24,408	254	7,733	1,168	6,565	4,843	150,123	396
October (4 weeks).....	23,107	22,864	243	7,412	1,176	6,236	4,336	152,768	385
November (5 weeks).....	22,911	22,658	253	7,612	1,262	6,350	5,615	148,316	398
December (4 weeks).....	23,803	23,518	285	7,438	1,264	6,181	5,873	145,029	387
January (4 weeks).....	23,715	23,265	250	7,407	1,163	6,244	6,066	146,525	393
February (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
April (4 weeks).....	22,677	22,444	233	7,367	1,264	6,073	6,034	126,903	381
May (5 weeks).....	23,747	23,462	285	7,766	1,479	6,307	6,053	114,466	399
1975									
September (4 weeks).....	23,672	23,429	243	7,523	1,400	6,128	7,788	112,118	399
October (5 weeks).....	23,304	23,039	265	7,637	1,276	6,362	7,464	110,358	393
November (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
December (5 weeks).....	23,687	22,844	243	7,562	1,362	6,200	8,225	113,011	389
January (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
February (4 weeks).....	21,821	21,560	261	7,318	1,314	6,004	7,831	111,188	385
March (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
April (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,453	119,735	390
May (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
June (5 weeks).....	23,829	23,577	252	7,843	1,337	6,506	7,273	123,593	395
July (4 weeks).....	24,196	23,874	322	8,365	1,645	6,730	7,340	119,332	407
August (4 weeks).....	24,262	23,975	287	7,996	1,634	6,362	7,423	115,246	401
1977									
September (5 weeks).....	24,477	24,261	216	7,928	1,467	6,461	7,269	117,134	404
October (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,215	406
November (4 weeks).....	24,618	24,376	242	7,751	1,429	6,322	7,957	127,740	398
December (5 weeks).....	24,757	24,290	267	7,730	1,546	6,184	6,497	129,176	396

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room Oct. 23, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

For more information concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call (301) 763-7807.

For sale by the Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable, currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by check on a U.S. bank. Price 30 cents per copy, \$3.90 per year.

TABLE 11. DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
September (4 weeks).....	24,436	23,992	244	7,692	1,199	6,493	1,630	152,825	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,978	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,515	1,253	6,262	7,240	143,008	411
April (5 weeks).....	23,638	23,119	239	7,645	1,332	6,313	6,156	143,032	398
March (4 weeks).....	25,306	25,020	286	7,535	1,332	6,203	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,409	1,295	6,114	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,981	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	417
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	377
November (4 weeks).....	24,235	23,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	26,596	25,320	276	8,076	1,638	6,438	7,096	125,372	411
September (5 weeks).....	24,230	23,974	256	7,693	1,560	6,133	3,128	131,501	399

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

TABLE 12. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION (Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1979			
September (4 weeks).....	69	56	310
August (4 weeks).....	65	55	296
July (5 weeks).....	63	59	301
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	60	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
1978			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296
September (5 weeks).....	65	69	294



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	SEPTEMBER 1979 (SEPT. 2 TO SEPT. 29)		AUGUST 1979 (AUG. 5 TO SEPT. 1)		SEPTEMBER 1978 (AUG. 27 TO SEPT. 30)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	484,718	241,812	472,338	236,298	569,495	284,472
BY AREA AND STATE:						
COTTON GROWING STATES . . . . .	482,014	240,443	469,726	234,969	566,455	282,944
ALABAMA . . . . .	65,069	32,469	61,383	30,753	82,202	40,900
GEORGIA . . . . .	88,099	43,914	87,299	43,523	101,201	50,655
NORTH CAROLINA . . . . .	177,169	86,500	162,084	80,862	195,264	97,410
SOUTH CAROLINA . . . . .	116,636	58,391	119,806	60,289	143,613	71,823
TENNESSEE . . . . .	4,358	4,560	4,850	4,836	10,876	5,342
TEXAS . . . . .	4,167	2,114	4,453	2,212	5,694	2,896
VIRGINIA . . . . .	15,806	7,813	15,654	7,865	17,405	8,731
OTHER STATES . . . . .	9,710	4,882	9,142	4,629	10,200	5,187
NEW ENGLAND . . . . .	2,262	1,142	2,302	1,166	2,601	1,306
REST OF UNITED STATES . . . . .	442	227	310	163	439	222
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	474,847	239,390	467,331	233,807	563,668	281,610
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	24,549	12,195	25,255	12,571	34,149	16,819
1 INCH AND 1-1/32 INCH STAPLES . . . . .	129,343	64,514	120,711	60,245	143,867	71,810
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	287,116	142,752	281,501	140,526	336,397	168,356
STAPLES LONGER THAN 1-3/32 INCH . . . . .	27,143	13,613	27,521	13,813	33,059	16,545
STAPLES NOT SPECIFIED BY KIND . . . . .	11,706	6,316	12,344	6,652	16,196	8,080
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,639	2,316	4,798	2,397	5,261	2,639
FOREIGN COTTON, TOTAL . . . . .	232	106	209	94	566	223
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	232	106	209	94	566	223
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	153,851	(X)	152,161	(X)	188,112
RAYON AND ACETATE . . . . .	(X)	23,989	(X)	24,321	(X)	34,346
NYLON . . . . .	(X)	13,344	(X)	10,562	(X)	12,183
ACRYLIC AND MODACRYLIC . . . . .	(X)	14,170	(X)	13,548	(X)	16,871
POLYESTER . . . . .	(X)	101,046	(X)	102,508	(X)	123,594
OTHER MANMADE FIBER . . . . .	(X)	1,302	(X)	1,222	(X)	1,118

Note: Cotton - bales are running bales except that imports are in 400 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for September 1979; 20 for August 1979, and 25 for September 1978.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for September 1979; 27,130 for August 1979; and 35,881 for September 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	SEPTEMBER 29, 1979		SEPTEMBER 1, 1979		SEPTEMBER 30, 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	750,839	375,823	849,662	424,382	1,032,259	514,933
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	746,220	373,573	845,392	422,327	1,026,413	511,964
ALABAMA . . . . .	94,889	47,306	<sup>r</sup> 112,814	<sup>r</sup> 56,181	140,665	69,744
CALIFORNIA . . . . .	118,696	59,516	126,675	63,274	146,533	73,429
GEORGIA . . . . .	229,231	114,404	259,698	129,384	331,458	164,612
NORTH CAROLINA . . . . .	256,309	128,919	289,765	145,776	347,445	174,174
SOUTH CAROLINA . . . . .	12,990	6,338	17,362	8,388	26,080	12,908
TENNESSEE . . . . .	7,349	3,665	8,368	4,193	10,106	5,035
TEXAS . . . . .	17,164	8,584	<sup>r</sup> 18,939	<sup>r</sup> 9,465	17,207	8,617
VIRGINIA . . . . .	9,592	4,841	<sup>r</sup> 11,771	<sup>r</sup> 5,666	6,919	3,445
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	4,218	2,060	<sup>r</sup> 3,813	<sup>r</sup> 1,839	5,347	2,721
REST OF UNITED STATES. . . . .	401	190	457	216	499	248
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	734,813	367,927	833,742	416,609	1,014,835	506,380
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	14,391	7,166	<sup>r</sup> 14,085	<sup>r</sup> 6,948	15,538	7,650
FOREIGN COTTON, TOTAL. . . . .	1,635	730	<sup>r</sup> 1,835	<sup>r</sup> 825	1,886	903
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	654	318	<sup>r</sup> 824	<sup>r</sup> 410	1,886	903
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	981	412	1,011	424		
MANMADE FIBER STAPLE (1) . . . . .	(X)	152,825	(X)	151,546	(X)	115,045
RAYON AND ACETATE . . . . .	(X)	24,456	(X)	25,389	(X)	26,095
NYLON . . . . .	(X)	12,143	(X)	11,146	(X)	8,159
ACRYLIC AND MODACRYLIC . . . . .	(X)	13,617	(X)	15,792	(X)	10,536
POLYESTER . . . . .	(X)	101,630	(X)	98,293	(X)	69,268
OTHER MANMADE FIBER . . . . .	(X)	979	(X)	926	(X)	987

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	SEPTEMBER 29, 1979	SEPTEMBER 1, 1979	SEPTEMBER 30, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,879,130	2,197,603	3,433,886
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	1,879,073	2,197,542	3,433,803
ALABAMA . . . . .	41,588	54,486	119,829
ARIZONA . . . . .	68,553	( <sup>1</sup> )	115,642
ARKANSAS . . . . .	45,305	55,922	157,620
CALIFORNIA . . . . .	127,080	188,759	247,588
GEORGIA . . . . .	86,257	101,071	143,687
LOUISIANA . . . . .	21,441	33,212	141,493
MISSISSIPPI . . . . .	74,129	115,567	364,641
MISSOURI . . . . .	13,217	12,005	68,932
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA . . . . .	48,219	67,829	110,932
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	122,452	130,262	227,325
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	1,067,653	1,132,905	1,496,706
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	163,179	305,524	239,408
NEW ENGLAND . . . . .	57	61	83
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	1,856,157	2,170,856	3,393,177
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	21,036	24,053	38,167
FOREIGN COTTON, TOTAL (2). . . . .	1,937	2,694	2,542
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on September 29, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	SEPTEMBER 1979 (SEPT. 2 TO SEPT. 29)	AUGUST 1979 (AUG. 5 TO SEPT. 1)	SEPTEMBER 1978 (AUG. 27 TO SEPT. 30)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	69,904	70,676	91,111
BLEACHERS:- RUNNING BALES . . . . .	DO	54,410	55,859	64,912
GROSS WEIGHT . . . . .	M. LBS.	34,348	35,616	41,166
OTHER CONSUMERS . . . . .	RUN. BALES	15,494	14,817	26,199
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,631	3,400	4,335
ALL OTHER STATES . . . . .	DO	11,863	11,417	21,864
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN. BALES	165,741	202,662	255,900
BLEACHERS:- RUNNING BALES . . . . .	DO	101,807	127,214	161,645
GROSS WEIGHT . . . . .	M. LBS.	62,923	79,217	100,336
OTHER CONSUMERS . . . . .	RUN. BALES	24,897	27,020	31,750
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,382	3,371	4,181
ALL OTHER STATES . . . . .	DO	21,515	23,649	27,569
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	1,265	2,676	2,297
PACIFIC AND MOUNTAIN STATES . . . . .	DO	1,265	2,676	2,297
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1). . . . .	DO	37,772	45,752	60,208

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
SEPTEMBER 1979 (SEPT. 2 TO SEPT. 27)				
UNITED STATES, TOTAL . . . . .	17,439	6,441	2,318	7,506
COTTON GROWING STATES . . . . .	17,167	6,392	2,275	7,496
ALABAMA . . . . .	1,703	788	148	720
GEORGIA . . . . .	2,078	991	143	851
NORTH CAROLINA . . . . .	5,834	2,537	840	2,109
SOUTH CAROLINA . . . . .	6,277	1,489	1,079	3,235
TENNESSEE . . . . .	416	298	(D)	87
TEXAS . . . . .	157	25	27	(D)
VIRGINIA . . . . .	521	136	(D)	(D)
OTHER STATES . . . . .	181	128	-	51
NEW ENGLAND . . . . .	272	49	43	10
REST OF UNITED STATES . . . . .				
AUGUST 1979 (AUGUST 5 TO SEPT. 1)				
UNITED STATES, TOTAL . . . . .	17,435	6,433	2,330	7,413
COTTON GROWING STATES . . . . .	17,163	6,384	2,287	7,403
ALABAMA . . . . .	1,702	785	150	719
GEORGIA . . . . .	2,084	1,012	147	808
NORTH CAROLINA . . . . .	5,828	2,519	848	2,086
SOUTH CAROLINA . . . . .	6,274	1,479	1,073	3,221
TENNESSEE . . . . .	416	297	(D)	87
TEXAS . . . . .	157	25	(D)	(D)
VIRGINIA . . . . .	521	140	(D)	(D)
OTHER STATES . . . . .	181	127	-	51
NEW ENGLAND . . . . .	272	49	43	10
REST OF UNITED STATES . . . . .				

- Represents zero. <sup>r</sup> Revised by 5 percent or more from previously published figures. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
SEPTEMBER 1979 (SEPT. 2 TO SEPT. 29)				
UNITED STATES, TOTAL . . . . .	7,833	3,253	1,008	3,572
COTTON GROWING STATES . . . . .	7,804	3,244	990	3,570
ALABAMA . . . . .	813	429	73	311
GEORGIA . . . . .	885	473	59	353
NORTH CAROLINA . . . . .	2,735	1,347	383	1,005
SOUTH CAROLINA . . . . .	2,762	722	447	1,593
TENNESSEE . . . . .	209	136	(D)	(D)
TEXAS . . . . .	56	7	(D)	(D)
VIRGINIA . . . . .	256	66	(D)	(D)
OTHER STATES . . . . .	88	64	-	24
NEW ENGLAND . . . . .	29	9	18	2
REST OF UNITED STATES . . . . .				
AUGUST 1979 (AUGUST 5 TO SEPT. 1)				
UNITED STATES, TOTAL . . . . .	7,929	3,332	1,025	3,572
COTTON GROWING STATES . . . . .	7,899	3,322	1,007	3,570
ALABAMA . . . . .	775	425	69	281
GEORGIA . . . . .	906	493	70	343
NORTH CAROLINA . . . . .	2,737	1,350	373	1,014
SOUTH CAROLINA . . . . .	2,852	762	466	1,624
TENNESSEE . . . . .	218	146	(D)	(D)
TEXAS . . . . .	58	8	(D)	(D)
VIRGINIA . . . . .	254	66	(D)	(D)
OTHER STATES . . . . .	99	72	-	27
NEW ENGLAND . . . . .	30	10	18	2
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
SEPTEMBER 1979 (SEPT. 2 TO SEPT. 29)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	484,718	346,122	104,521	34,075
STOCKS (2). . . . .	BALES	750,839	528,381	174,720	47,738
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	153,851	95,238	34,859	23,754
STOCKS. . . . .	M LBS	152,825	88,636	37,623	26,566
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	23,989	14,171	5,607	4,211
STOCKS . . . . .	M LBS	24,456	13,170	7,436	3,850
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	129,862	81,067	29,252	19,543
STOCKS . . . . .	M LBS	128,369	75,466	30,187	22,716
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,439	12,101	3,930	1,408
ACTIVE SPINDLE. . . . .	THOUSANDS	16,265	11,273	3,708	1,284
HOURS OPERATED. . . . .	MILLIONS	7,833	5,333	1,862	638
AUGUST 1979 (AUGUST 5 TO SEPT. 1)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	472,338	336,864	102,476	32,998
STOCKS (2). . . . .	BALES	849,662	598,877	194,531	56,254
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	152,161	96,413	32,979	22,769
STOCKS. . . . .	M LBS	151,546	87,375	38,279	25,892
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	24,321	14,731	5,705	3,885
STOCKS . . . . .	M LBS	25,389	13,850	7,473	4,066
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	127,840	81,682	27,274	18,884
STOCKS . . . . .	M LBS	126,157	73,525	30,806	21,826
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,435	12,103	3,924	1,408
ACTIVE SPINDLE. . . . .	THOUSANDS	16,176	11,231	3,687	1,258
HOURS OPERATED. . . . .	MILLIONS	7,929	5,411	1,893	625

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for Sept. 1979 and 20 for August 1979.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table. 9 EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, 80 bales for linters, thousand pounds for staple)

Country to which exported	August 1979	July 1979	Cotton season 1 month through August 1979
<b>COTTON</b>			
Total.....	462,552	410,308	462,552
Canada.....	23,083	9,103	23,083
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	13,660	17,910	13,660
Republic of Philippines.....	10,557	3,388	10,557
Republic of Korea.....	95,843	73,408	95,843
China-Taiwan.....	34,684	42,312	34,684
Japan.....	82,742	115,423	82,742
Other countries.....	201,983	148,764	201,983
<b>LINTERS</b>			
Total.....	18,451	16,994	18,451
Canada.....	3,625	4,509	3,625
Mexico.....	75	3,130	75
United Kingdom.....	144	73	144
Federal Republic of Germany.....	1,792	1,694	1,792
Japan.....	8,414	6,654	8,414
Other countries.....	4,401	934	4,401
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	76,903	63,132	76,903
Canada.....	9,815	7,819	9,815
Brazil.....	424	531	424
United Kingdom.....	2,696	3,137	2,696
Netherlands.....	815	798	815
Belgium.....	4,161	3,534	4,161
Federal Republic of Germany.....	2,053	1,596	2,053
Switzerland.....	161	301	161
U.S.S.R.....	-	509	-
Hong Kong.....	3,724	1,595	3,724
Japan.....	2,621	1,575	2,621
Australia.....	3,363	1,900	3,363
Other countries.....	47,070	39,837	47,070

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550, linters numbers 3003011 and 3003021, and manmade fiber staple, numbers 3094222, 3094240, 3094242, 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	August 1979	July 1979	Cotton season 1 month through August 1979
<b>COTTON</b>			
Total.....	1,908	123	1,908
Mexico.....	1,908	-	1,908
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	123	-
<b>LINTERS</b>			
Total.....	3,038	1,940	3,038
Mexico.....	2,551	1,475	2,551
Brazil.....	487	465	487
Other countries.....	-	-	-
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	2,890	1,567	2,890
Canada.....	154	56	154
United Kingdom.....	48	118	48
France.....	85	-	85
Federal Republic of Germany.....	1,308	353	1,308
Austria.....	79	98	79
Switzerland.....	-	-	-
Italy.....	175	236	175
Japan.....	230	363	230
Other countries.....	811	341	811

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000, linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(In million bales of 480 lb. net)

Item	1978-79 forecast	1977-78 preliminary	1976-77
Supply.....	83.8	84.6	81.4
Stock, August 1.....	23.9	20.7	24.0
Production.....	59.9	63.9	57.4
Distribution.....	84.5	85.2	81.6
Consumption.....	62.7	61.3	60.9
Stocks, July 31.....	21.8	23.9	20.7
Difference <sup>1</sup> .....	+0.7	+0.6	+0.2

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979		
Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

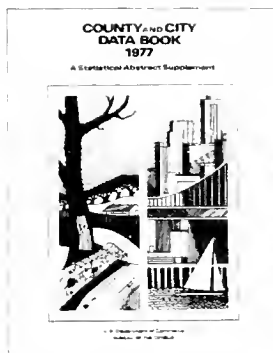
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<i>Current Industrial Reports</i>					
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M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
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C  
3. 158Consumption on the  
Cotton System

OCTOBER 1979

U.S. Department of Commerce  
BUREAU OF THE CENSUSM22P(80)-3  
Issued December 1979

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 13.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
October (5 weeks).....	24,037	23,799	238	7,876	1,248	6,628	4,919	143,267	400
September (4 weeks).....	24,441	24,188	253	7,721	1,189	6,532	4,842	150,187	396
August (4 weeks).....	23,107	22,864	243	7,412	1,176	6,236	5,336	152,768	385
July (5 weeks).....	22,911	22,658	253	7,612	1,262	6,350	5,615	148,316	398
June (4 weeks).....	23,803	23,518	285	7,435	1,254	6,181	5,873	145,029	386
May (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406
October (4 weeks).....	24,628	24,370	258	7,755	1,529	6,226	7,955	127,540	398

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room Nov. 29, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1 3/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1 3/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1B. TENDENCY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
October (5 weeks).....	24,976	24,727	249	5,190	1,337	6,853	4,388	140,631	417
September (4 weeks).....	24,117	23,874	243	7,350	1,200	6,480	7,629	152,890	392
August (4 weeks).....	23,417	23,367	250	7,698	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,917	211	6,764	1,078	7,436	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,871	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,456	6,211	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	106,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	21,984	21,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	402
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	410
October (4 weeks).....	25,590	25,320	270	8,076	1,638	6,438	7,096	125,372	412

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION  
(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1979			
October (5 weeks).....	68	59	314
September (4 weeks).....	69	56	310
August (4 weeks).....	65	55	296
July (5 weeks).....	65	54	301
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
1978			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302
October (4 weeks).....	65	64	296



U.S. DEPARTMENT OF COMMERCE  
BUREAU OF ECONOMIC ANALYSIS  
COTTON AND MANMADE FIBER STAPLE CONSUMPTION

	AUGUST 1978 (OCT. 1 TO OCT. 24)		SEPTEMBER 1978 (OCT. 2 TO OCT. 24)		OCTOBER 1978 (OCT. 1 TO OCT. 24)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	481,740	140,816	481,740	140,816	481,740	140,816
BY AREA AND STATE:						
COTTON GROWING STATES . . . . .	479,014	139,438	479,014	139,438	479,014	139,438
ALABAMA . . . . .	4,094	12,282	4,094	12,282	4,094	12,282
GEORGIA . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
NORTH CAROLINA . . . . .	15,473	46,419	15,473	46,419	15,473	46,419
SOUTH CAROLINA . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
TENNESSEE . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
TEXAS . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
VIRGINIA . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
OTHER STATES . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
NEW ENGLAND . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
REST OF UNITED STATES . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	477,462	138,366	477,462	138,366	477,462	138,366
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
1 INCH AND 1-1/32 INCH STAPLES . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
STAPLES LONGER THAN 1-3/32 INCH . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
STAPLES NOT SPECIFIED BY KIND . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
FOREIGN COTTON, TOTAL . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	1,111	3,333	1,111	3,333	1,111	3,333
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	158,374	(X)	158,374	(X)	158,374
RAYON AND ACETATE . . . . .	(X)	29,307	(X)	29,307	(X)	29,307
NYLON . . . . .	(X)	9,627	(X)	9,627	(X)	9,627
ACRYLIC AND MODACRYLIC . . . . .	(X)	13,867	(X)	13,867	(X)	13,867
POLYESTER . . . . .	(X)	104,444	(X)	104,444	(X)	104,444
OTHER MANMADE FIBER . . . . .	(X)	1,129	(X)	1,129	(X)	1,129

Note: Cotton - bales are running bales except that reports are in 48 lbs. conventional gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 30-day work year, not adjusted for holidays. For this report, the number of work days used are 25 for October 1977; 20 for September 1978, and 20 for October 1978.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber to without combing, in woolen and worsted mills is follows: not available for October 1977; 23,294 for September 1978; and 29,225 for October 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	NOVEMBER 3, 1979		SEPTEMBER 29, 1979		OCTOBER 28, 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	647,417	323,883	749,117	374,248	1,015,258	506,851
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	640,829	320,665	741,609	370,572	1,009,282	503,796
ALABAMA . . . . .	95,272	47,530	95,274	47,452	144,337	72,306
CALIFORNIA . . . . .	109,540	55,053	118,100	59,040	133,046	66,688
GEORGIA . . . . .	190,398	95,016	228,722	113,995	315,354	157,381
NORTH CAROLINA . . . . .	201,732	101,107	252,418	126,657	329,307	164,369
SOUTH CAROLINA . . . . .	12,959	6,464	12,990	6,338	54,606	26,793
TENNESSEE . . . . .	6,059	3,001	7,349	3,665	8,541	4,206
TEXAS . . . . .	15,828	7,921	17,164	8,584	18,921	9,493
VIRGINIA . . . . .	9,041	4,573	9,592	4,841	5,170	2,560
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	6,233	3,046	7,101	3,483	5,479	2,805
REST OF UNITED STATES . . . . .	355	172	407	193	497	250
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	632,994	316,823	732,472	366,033	998,883	498,706
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	12,940	6,402	14,946	7,452	14,898	7,343
FOREIGN COTTON, TOTAL . . . . .	1,483	658	1,699	763	1,477	802
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	518	256	701	345	1,309	726
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	965	402	998	418	168	76
MANMADE FIBER STAPLE (1) . . . . .	(X)	140,831	(X)	152,890	(X)	107,775
RAYON AND ACETATE . . . . .	(X)	23,525	(X)	25,185	(X)	23,907
NYLON . . . . .	(X)	14,389	(X)	11,646	(X)	7,489
ACRYLIC AND MODACRYLIC . . . . .	(X)	11,975	(X)	13,707	(X)	10,173
POLYESTER . . . . .	(X)	90,002	(X)	101,362	(X)	65,180
OTHER MANMADE FIBER . . . . .	(X)	940	(X)	990	(X)	1,026

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>†</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	NOV. 3, 1977	SEPT. 29, 1979	OCT. 28, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	3,740,370	1,879,597	5,313,546
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	3,740,289	1,879,540	5,313,437
ALABAMA . . . . .	109,890	41,632	250,359
ARIZONA . . . . .	265,174	68,553	211,271
ARKANSAS . . . . .	199,662	45,734	467,175
CALIFORNIA . . . . .	654,517	127,080	417,867
GEORGIA . . . . .	135,367	86,271	197,806
LOUISIANA . . . . .	290,339	21,441	407,515
MISSISSIPPI . . . . .	362,929	74,129	1,024,672
MISSOURI . . . . .	113,050	13,217	176,021
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	(D)
NORTH CAROLINA . . . . .	56,108	48,219	121,655
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	(D)
SOUTH CAROLINA . . . . .	163,454	122,452	283,829
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	(D)
TEXAS . . . . .	1,224,043	1,067,633	1,409,119
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	165,756	163,179	346,148
NEW ENGLAND . . . . .	81	57	109
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	3,720,530	1,856,624	5,278,807
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	17,903	21,036	33,071
FOREIGN COTTON, TOTAL (2) . . . . .	1,937	1,937	1,668
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area. <sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on November 3, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	OCTOBER 1977 (SEPT. 30 TO NOV. 3)	SEPTEMBER 1977 (SEPT. 2 TO SEPT. 29)	OCTOBER 1978 (OCT. 1 TO OCT. 28)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	89,968	70,832	81,740
BLEACHERS:- RUNNING BALES . . . . .	DO	72,777	54,410	60,014
GROSS WEIGHT. . . . .	M. LBS.	45,325	34,348	37,038
OTHER CONSUMERS . . . . .	RUN. BALES	17,191	<sup>r</sup> 16,422	21,726
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,665	<sup>r</sup> 4,094	3,665
ALL OTHER STATES . . . . .	DO	13,526	12,328	18,061
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	156,973	166,149	253,617
BLEACHERS:- RUNNING BALES . . . . .	DO	82,405	101,807	153,973
GROSS WEIGHT. . . . .	M. LBS.	50,422	62,923	95,115
OTHER CONSUMERS . . . . .	RUN. BALES	23,947	25,856	29,107
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,460	<sup>r</sup> 4,116	3,668
ALL OTHER STATES . . . . .	DO	19,487	21,740	25,439
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	1,023	1,265	4,077
PACIFIC AND MOUNTAIN STATES . . . . .	DO	1,023	1,265	4,077
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	49,598	37,221	66,460

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Estimated number of running bales based on information reported in pounds.

## COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
OCTOBER 1974 SEPT. 30 TO NOV. 1, 74				
UNITED STATES, TOTAL . . . . .	17,410	6,432	2,276	7,514
COTTON GROWING STATES . . . . .	17,138	6,384	2,234	7,502
ALABAMA . . . . .	1,702	786	149	718
GEORGIA . . . . .	2,075	989	141	817
NORTH CAROLINA . . . . .	3,855	2,529	852	2,125
SOUTH CAROLINA . . . . .	6,231	1,495	1,027	3,257
TENNESSEE . . . . .	416	294	(D)	91
TEXAS . . . . .	157	25	27	(D)
VIRGINIA . . . . .	521	137	(D)	(D)
OTHER STATES . . . . .	181	124	-	51
NEW ENGLAND . . . . .	272	48	42	11
REST OF UNITED STATES . . . . .				
SEPTEMBER 1974 SEPT. 2 TO SEPT. 24, 74				
UNITED STATES, TOTAL . . . . .	17,431	6,434	2,300	7,546
COTTON GROWING STATES . . . . .	17,159	6,385	2,255	7,535
ALABAMA . . . . .	1,703	786	148	720
GEORGIA . . . . .	2,077	984	151	841
NORTH CAROLINA . . . . .	3,855	2,529	844	2,115
SOUTH CAROLINA . . . . .	6,269	1,499	1,050	3,278
TENNESSEE . . . . .	416	298	(D)	87
TEXAS . . . . .	157	25	27	(D)
VIRGINIA . . . . .	521	136	(D)	(D)
OTHER STATES . . . . .	181	128	-	51
NEW ENGLAND . . . . .	272	49	42	11
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
OCTOBER 1979 (SEPT. 30 TO NOV. 3)				
UNITED STATES, TOTAL . . . . .	10,433	4,201	1,424	4,808
COTTON GROWING STATES . . . . .	10,394	4,189	1,401	4,804
ALABAMA . . . . .	1,031	538	94	399
GEORGIA . . . . .	1,173	592	80	501
NORTH CAROLINA . . . . .	3,631	1,731	563	1,337
SOUTH CAROLINA . . . . .	3,744	964	625	2,155
TENNESSEE . . . . .	279	179	(D)	(D)
TEXAS . . . . .	79	10	(D)	(D)
VIRGINIA . . . . .	344	43	(D)	(D)
OTHER STATES . . . . .	113	82	-	31
NEW ENGLAND . . . . .	39	12	23	4
REST OF UNITED STATES . . . . .				
SEPTEMBER 1979 (SEPT. 2 TO SEPT. 29)				
UNITED STATES, TOTAL . . . . .	7,844	3,252	1,012	3,580
COTTON GROWING STATES . . . . .	7,815	3,243	994	3,578
ALABAMA . . . . .	778	407	69	302
GEORGIA . . . . .	373	462	60	351
NORTH CAROLINA . . . . .	2,744	1,352	384	1,008
SOUTH CAROLINA . . . . .	2,811	749	453	1,609
TENNESSEE . . . . .	209	136	(D)	(D)
TEXAS . . . . .	56	7	(D)	(D)
VIRGINIA . . . . .	256	66	(D)	(D)
OTHER STATES . . . . .	88	64	-	24
NEW ENGLAND . . . . .	29	9	18	2
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8.--CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS-TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
OCTOBER 1979 (SEPT. 30 TO NOV. 3)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	624,398	446,334	137,638	40,426
STOCKS (2). . . . .	BALES	647,417	443,241	156,740	47,436
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	204,770	128,067	44,350	32,353
STOCKS. . . . .	M LBS	140,831	80,933	35,391	24,507
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	33,437	18,933	8,821	5,683
STOCKS . . . . .	M LBS	23,525	11,741	7,996	3,788
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	171,333	109,134	35,529	26,670
STOCKS . . . . .	M LBS	117,306	69,192	27,395	20,719
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,410	12,069	3,943	1,398
ACTIVE SPINDLE. . . . .	THOUSANDS	16,222	11,228	3,726	1,268
HOURS OPERATED. . . . .	MILLIONS	10,433	7,128	2,442	863
SEPTEMBER 1979 (SEPT. 2 TO SEPT. 29)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	482,338	346,511	102,542	33,285
STOCKS (2). . . . .	BALES	749,117	526,314	174,772	48,031
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	153,613	95,558	34,903	23,152
STOCKS. . . . .	M LBS	152,890	88,135	38,332	26,423
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	24,006	13,871	<sup>r</sup> 5,913	4,222
STOCKS . . . . .	M LBS	25,185	13,143	<sup>r</sup> 8,158	3,884
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	129,607	81,687	28,990	18,930
STOCKS . . . . .	M LBS	127,705	74,992	30,174	22,539
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,431	12,102	3,931	1,398
ACTIVE SPINDLE. . . . .	THOUSANDS	16,280	11,286	3,715	1,279
HOURS OPERATED. . . . .	MILLIONS	7,844	5,365	1,857	622

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for October 1979 and 20 for September 1979.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton, 480 bales for linters, thousand pounds for staple)

Country to which exported	September 1979	August 1979	Cotton season 2 months through September 1979
<b>COTTON</b>			
Total.....	428,080	462,552	890,632
Canada.....	19,330	23,083	42,413
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	14,508	13,660	28,168
Republic of Philippines.....	6,900	10,557	17,457
Republic of Korea.....	47,323	45,843	193,166
China-Taiwan.....	33,550	34,684	68,234
Japan.....	85,160	82,742	167,902
Other countries.....	171,309	101,983	373,292
<b>LINTERS</b>			
Total.....	16,041	18,451	34,492
Canada.....	3,266	3,625	6,891
Mexico.....	271	75	346
United Kingdom.....	292	144	436
Federal Republic of Germany.....	7,977	1,792	9,769
Japan.....	3,378	8,414	11,792
Other countries.....	857	4,401	5,258
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	67,800	76,903	144,703
Canada.....	8,073	9,815	17,888
Brazil.....	586	424	1,010
United Kingdom.....	2,530	2,696	5,226
Netherlands.....	906	815	1,721
Belgium.....	2,469	4,161	6,630
Federal Republic of Germany.....	1,690	2,053	3,743
Switzerland.....	53	161	214
U.S.S.R.....	-	-	-
Hong Kong.....	4,196	3,724	7,920
Japan.....	2,144	2,621	4,765
Australia.....	2,144	3,363	5,507
Other countries.....	43,009	47,070	90,079

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242; 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters, thousand pounds for staple)

Country of production	September 1979	August 1979	Cotton season 2 months through September 1979
COTTON			
Total.....	-	1,908	1,908
Mexico.....	-	1,908	1,908
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	-
LINTERS			
Total.....	3,889	3,038	6,927
Mexico.....	2,295	2,551	4,846
Brazil.....	458	487	945
Other countries.....	1,136	-	1,136
MANMADE FIBER STAPLE AND TOW			
Total.....	1,849	2,890	4,539
Canada.....	190	154	344
United Kingdom.....	122	48	170
France.....	1	85	86
Federal Republic of Germany.....	713	1,308	2,021
Austria.....	61	79	140
Switzerland.....	-	-	-
Italy.....	-	175	175
Japan.....	261	230	491
Other countries.....	301	811	1,112

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979 80 forecast	1978 79 preliminary	1977. 78
Supply.....	85.2	83.8	84.6
Stock, August 1.....	21.4	24.0	20.7
Production.....	63.8	59.8	63.9
Distribution.....	85.7	84.2	85.2
Consumption.....	63.4	62.8	61.2
Stocks, July 31.....	22.3	21.4	24.0
Difference <sup>1</sup> .....	+0.5	+0.4	+0.6

<sup>1</sup>Net cotton stock and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows. On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term “cotton-system spinning spindles” does not include spindles operated on the “American” and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

**COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA**

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers’ shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers’ Shipments, Not Specified by Kind*—The value of manufacturers’ shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *“Direct” vs “Total” Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

**RELATED REPORTS**

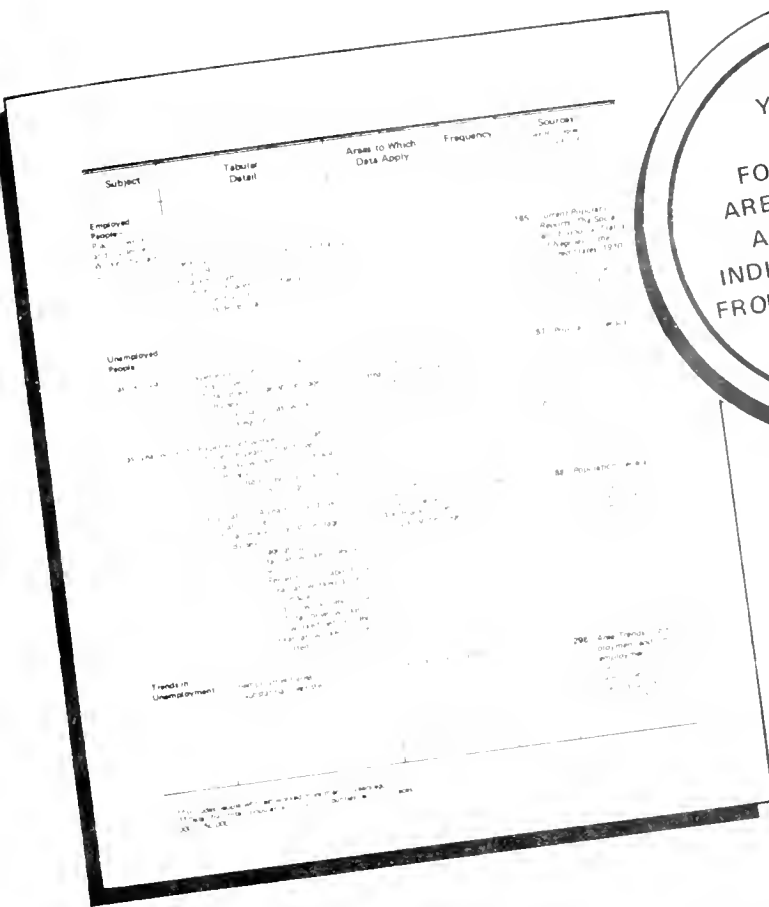
An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

## CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
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# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

NOVEMBER 1979

M22P(80)-4  
Issued January 1980

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellu- losic (1,000 pounds)	Noncel- lulosic (1,000 pounds)			
1979									
November (4 weeks).....	23,674	23,448	226	7,830	1,262	6,568	5,693	127,329	393
October (5 weeks).....	24,240	24,013	227	7,911	1,249	6,662	4,970	142,593	401
September (4 weeks).....	24,441	24,188	253	7,721	1,189	6,532	4,842	150,187	396
August (4 weeks).....	23,107	22,864	243	7,412	1,176	6,236	5,336	152,768	385
July (5 weeks).....	22,911	22,658	253	7,612	1,262	6,350	5,615	148,316	398
June (4 weeks).....	23,803	23,518	285	7,435	1,254	6,181	5,873	145,029	386
May (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404
November (4 weeks).....	24,699	24,464	235	8,010	1,503	6,507	7,611	123,255	406

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room Dec. 21, 1979; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
November (4 weeks).....	24,188	23,964	224	7,947	1,267	6,680	7,537	125,546	3
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	4
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	3
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	3
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	3
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	3
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	4
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	3
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,781	4
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	3
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	4
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	3
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	3
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	4
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	3
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	3
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	3
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	4
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	4
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	4
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	4
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	4
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	4
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	
November (4 weeks).....	25,235	25,002	233	8,127	1,509	6,618	10,077	121,529	

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1979			
November (4 weeks).....	67	59	311
October (5 weeks).....	68	59	316
September (4 weeks).....	69	56	310
August (4 weeks).....	65	55	296
July (5 weeks).....	65	59	301
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
1978			
December (4 weeks).....	67	61	295
November (5 weeks).....	66	60	302



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	NOVEMBER 1977 NOV. 4 TO DEC. 3		OCTOBER 1979 OCT. 30 TO NOV. 3		NOVEMBER 1978 OCT. 29 TO DEC. 1	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	483,751	240,585	629,704	314,113	595,235	296,842
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	481,491	239,457	626,767	312,636	591,780	295,108
ALABAMA . . . . .	60,660	30,105	82,817	41,342	92,324	45,967
GEORGIA . . . . .	88,769	44,207	115,265	57,360	103,264	51,254
NORTH CAROLINA . . . . .	168,194	83,547	215,793	107,485	199,347	99,414
SOUTH CAROLINA . . . . .	123,696	61,597	159,995	80,044	149,747	74,887
TENNESSEE . . . . .	9,666	4,732	13,218	6,476	11,661	5,773
TEXAS . . . . .	4,345	2,164	5,663	2,842	5,861	2,968
VIRGINIA . . . . .	14,952	7,470	21,016	10,499	17,735	8,888
OTHER STATES. . . . .	11,209	5,635	13,000	6,588	11,841	5,957
NEW ENGLAND . . . . .	2,009	1,000	2,533	1,268	3,032	1,519
REST OF UNITED STATES. . . . .	251	128	404	209	423	215
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	479,279	238,356	623,751	311,164	588,654	293,527
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	23,599	11,538	30,577	14,978	32,196	15,823
1 INCH AND 1-1/32 INCH STAPLES. . . . .	132,512	65,766	171,516	85,446	166,473	82,897
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	283,276	140,537	370,335	184,455	344,084	171,692
STAPLES LONGER THAN 1-3/32 INCH . . . . .	27,861	13,864	35,472	17,724	30,632	15,324
STAPLES NOT SPECIFIED BY KIND . . . . .	12,031	6,651	15,851	8,561	15,269	7,791
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,331	2,165	5,699	2,831	6,033	3,036
FOREIGN COTTON, TOTAL. . . . .	141	64	r254	r118	548	279
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	141	64	r254	r118	548	279
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	158,923	(X)	205,635	(X)	193,757
RAYON AND ACETATE . . . . .	(X)	25,330	(X)	33,447	(X)	32,008
NYLON . . . . .	(X)	12,145	(X)	16,428	(X)	14,942
ACRYLIC AND MODACRYLIC. . . . .	(X)	13,498	(X)	18,545	(X)	16,378
POLYESTER . . . . .	(X)	106,722	(X)	135,626	(X)	129,366
OTHER MANMADE FIBER . . . . .	(X)	1,228	(X)	1,589	(X)	1,063

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for November 1979; 25 for October 1979; and 25 for November 1978.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for November 1979; 34,683 for October 1979; and 32,840 for November 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 1, 1979		NOVEMBER 3, 1979		DECEMBER 2, 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	716,456	356,523	648,117	323,910	1,002,557	500,696
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	709,185	352,933	641,084	320,444	996,567	497,638
ALABAMA . . . . .	109,714	54,212	95,896	47,955	142,889	71,014
CALIFORNIA . . . . .						
GEORGIA . . . . .						
NORTH CAROLINA . . . . .						
SOUTH CAROLINA . . . . .						
TENNESSEE . . . . .						
TEXAS . . . . .						
VIRGINIA . . . . .						
OTHER STATES. . . . .	10,863	5,502	9,043	4,573	6,685	3,352
NEW ENGLAND. . . . .	6,916	3,418	<sup>r</sup> 6,675	<sup>r</sup> 3,294	5,504	2,812
REST OF UNITED STATES. . . . .	355	172	358	172	486	246
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	704,274	350,527	632,722	316,347	986,879	492,853
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	11,026	5,476	<sup>r</sup> 13,667	<sup>r</sup> 6,790	14,473	7,188
FOREIGN COTTON, TOTAL. . . . .	1,156	520	<sup>r</sup> 1,728	<sup>r</sup> 773	1,205	655
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	517	253	<sup>r</sup> 758	<sup>r</sup> 369	1,205	655
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	639	267	970	404		
MANMADE FIBER STAPLE (1) . . . . .	(X)	125,546	(X)	140,169	(X)	108,813
RAYON AND ACETATE . . . . .	(X)	21,456	(X)	23,646	(X)	24,544
NYLON . . . . .	(X)	9,145	(X)	12,108	(X)	6,445
ACRYLIC AND MODACRYLIC. . . . .	(X)	11,943	(X)	12,411	(X)	10,994
POLYESTER . . . . .	(X)	82,086	(X)	91,085	(X)	65,921
OTHER MANMADE FIBER . . . . .	(X)	916	(X)	919	(X)	909

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 1, 1979	NOVEMBER 3, 1979	DECEMBER 2, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	6,820,507	3,785,179	6,231,626
BY AREA AND STATE:			
COTTON-GROWING STATES . . . . .	6,820,389	3,785,098	6,231,505
ALABAMA . . . . .	200,652	109,829	281,617
ARIZONA . . . . .	450,440	265,174	379,924
ARKANSAS . . . . .	334,733	199,662	535,656
CALIFORNIA . . . . .	1,331,583	1,699,483	930,605
GEORGIA . . . . .	166,497	127,548	210,426
LOUISIANA . . . . .	483,461	290,624	465,760
MISSISSIPPI . . . . .	720,017	369,017	1,070,580
MISSOURI . . . . .	132,505	113,050	178,773
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	78,178	55,763	117,982
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	190,866	165,798	274,634
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	2,379,220	1,223,653	1,369,458
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	352,237	165,497	416,090
NEW ENGLAND . . . . .	118	81	121
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	6,769,542	3,765,339	6,185,356
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	49,028	17,903	44,277
FOREIGN COTTON, TOTAL (2) . . . . .	1,937	1,937	1,993
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other states in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on Dec. 1, 1979, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	NOVEMBER 1979 NOV. 4 TO DEC. 1)	OCTOBER 1979 SEPT. 30 TO NOV. 3)	NOVEMBER 1978 OCT. 29 TO DEC. 2)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	74,476	90,579	93,391
BLEACHERS:- RUNNING BALES . . . . .	DO	61,313	72,777	66,919
GROSS WEIGHT . . . . .	M. LBS.	38,013	45,326	42,183
OTHER CONSUMERS . . . . .	RUN. BALES	13,163	17,802	26,472
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,925	3,737	3,846
ALL OTHER STATES . . . . .	DO	10,238	14,065	22,626
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	161,821	155,905	265,606
BLEACHERS:- RUNNING BALES . . . . .	DO	74,741	82,405	155,829
GROSS WEIGHT . . . . .	M. LBS.	46,168	50,622	96,143
OTHER CONSUMERS . . . . .	RUN. BALES	26,493	23,355	30,476
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,649	4,341	3,841
ALL OTHER STATES . . . . .	DO	21,844	19,014	26,635
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	1,880	1,368	4,229
PACIFIC AND MOUNTAIN STATES . . . . .	DO	1,880	1,368	4,229
ALL OTHER STATES . . . . .	DO			
OIL MILLS(1) . . . . .	DO	58,707	48,777	75,072

(NA) Not available. Revised by 5 percent or more from previously published figures.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
NOVEMBER 1974 NOV. 4 TO DEC. 1				
UNITED STATES, TOTAL . . . . .	17,394	6,416	2,255	7,574
COTTON GROWING STATES . . . . .	17,122	6,367	2,213	7,563
ALABAMA . . . . .	1,706	777	149	734
GEORGIA . . . . .	2,079	956	137	827
NORTH CAROLINA . . . . .	5,847	2,538	872	2,103
SOUTH CAROLINA . . . . .	6,215	1,505	996	3,321
TENNESSEE . . . . .	416	303	(D)	82
TEXAS . . . . .	157	25	24	(D)
VIRGINIA . . . . .	521	136	(D)	(D)
OTHER STATES . . . . .	181	127	-	53
NEW ENGLAND . . . . .	272	49	42	11
REST OF UNITED STATES . . . . .				
OCTOBER 1974 SEPT. 30 TO NOV. 3				
UNITED STATES, TOTAL . . . . .	17,415	6,451	2,282	7,518
COTTON GROWING STATES . . . . .	17,143	6,403	2,240	7,505
ALABAMA . . . . .	1,701	787	150	717
GEORGIA . . . . .	2,075	1,002	139	825
NORTH CAROLINA . . . . .	5,856	2,527	862	2,125
SOUTH CAROLINA . . . . .	6,236	1,494	1,027	3,257
TENNESSEE . . . . .	416	305	(D)	80
TEXAS . . . . .	157	25	26	(D)
VIRGINIA . . . . .	521	134	(D)	(D)
OTHER STATES . . . . .	181	129	-	51
NEW ENGLAND . . . . .	272	48	42	13
REST OF UNITED STATES . . . . .				

- Represents zero.

D Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
NOVEMBER 1979 NOV. 4 TO DEC. 1				
UNITED STATES, TOTAL . . . . .	7,933	3,229	1,041	3,663
COTTON GROWING STATES . . . . .	7,907	3,220	1,026	3,661
ALABAMA. . . . .	774	400	71	303
GEORGIA. . . . .	890	468	60	362
NORTH CAROLINA . . . . .	2,711	1,319	394	998
SOUTH CAROLINA . . . . .	2,925	750	474	1,701
TENNESSEE. . . . .	220	150	(D)	(D)
TEXAS. . . . .	53	7	(D)	(D)
VIRGINIA . . . . .	247	63	(D)	(D)
OTHER STATES . . . . .	87	63	-	24
NEW ENGLAND . . . . .	26	9	15	2
REST OF UNITED STATES . . . . .				
OCTOBER 1979 SEPT. 30 TO NOV. 3				
UNITED STATES, TOTAL . . . . .	10,447	4,244	1,405	4,798
COTTON GROWING STATES . . . . .	10,408	4,232	1,382	4,794
ALABAMA. . . . .	1,058	554	97	407
GEORGIA. . . . .	1,183	602	80	501
NORTH CAROLINA . . . . .	3,583	1,722	542	1,319
SOUTH CAROLINA . . . . .	3,766	980	624	2,162
TENNESSEE. . . . .	288	192	(D)	(D)
TEXAS. . . . .	79	10	(D)	(D)
VIRGINIA . . . . .	338	90	(D)	(D)
OTHER STATES . . . . .	113	82	-	31
NEW ENGLAND . . . . .	39	12	23	4
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Data withheld to avoid disclosing figures for individual companies.

TABLE 6. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS- TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
NOVEMBER 1979 (NOV. 4 TO DEC. 1)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	483,751	349,416	102,433	31,902
STOCKS (2). . . . .	BALES	716,456	488,083	168,385	59,988
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	158,923	98,939	35,642	24,342
STOCKS. . . . .	M LBS	125,546	72,372	31,013	22,161
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	25,330	15,001	6,212	4,117
STOCKS . . . . .	M LBS	21,456	11,075	6,768	3,613
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	133,593	83,938	29,430	20,225
STOCKS . . . . .	M LBS	104,090	61,297	24,245	18,548
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,394	12,052	3,942	1,400
ACTIVE SPINDLE. . . . .	THOUSANDS	16,245	11,264	3,730	1,251
HOURS OPERATED. . . . .	MILLIONS	7,933	5,449	1,837	647
OCTOBER 1979 (SEPT. 30 TO NOV. 3)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	629,704	451,916	137,009	40,779
STOCKS (2). . . . .	BALES	648,117	444,329	157,148	46,640
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	205,635	128,367	44,838	32,430
STOCKS. . . . .	M LBS	140,169	80,848	36,054	23,267
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	33,447	19,046	8,734	5,667
STOCKS . . . . .	M LBS	23,646	11,887	7,967	3,792
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	172,188	109,321	36,104	26,763
STOCKS . . . . .	M LBS	116,523	68,961	28,087	19,475
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,415	12,071	3,942	1,402
ACTIVE SPINDLE. . . . .	THOUSANDS	16,251	11,227	3,727	1,297
HOURS OPERATED. . . . .	MILLIONS	10,447	7,147	2,427	873

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for November 1979 and 25 for October 1979.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	October 1979	September 1979	Cotton season 3 months through October 1979
COTTON			
Total.....	390,209	428,080	1,280,841
Canada.....	24,577	19,330	66,990
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	6,299	14,508	34,467
Republic of Philippines.....	7,847	6,900	25,304
Republic of Korea.....	94,172	97,323	287,338
China-Taiwan.....	29,218	33,550	97,452
Japan.....	62,404	85,160	230,306
Other countries.....	165,692	171,309	538,984
LINTERS			
Total.....	16,550	16,041	51,042
Canada.....	5,228	3,266	12,119
Mexico.....	133	271	479
United Kingdom.....	69	292	505
Federal Republic of Germany.....	3,909	7,977	13,678
Japan.....	5,770	3,378	17,562
Other countries.....	1,441	857	6,699
MANMADE FIBER STAPLE AND TOW			
Total.....	92,083	67,800	236,786
Canada.....	8,588	8,073	26,476
Brazil.....	922	586	1,932
United Kingdom.....	3,381	2,530	8,607
Netherlands.....	877	906	2,598
Belgium.....	3,783	2,469	10,413
Federal Republic of Germany.....	1,371	1,690	5,114
Switzerland.....	141	53	355
U.S.S.R.....	598	-	598
Hong Kong.....	2,354	4,196	10,274
Japan.....	2,409	2,144	7,174
Australia.....	2,297	2,144	7,804
Other countries.....	65,362	43,009	155,441

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242; 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	October 1979	September 1979	Cotton season 3 months through October 1979
<b>COTTON</b>			
Total.....	23	-	1,931
Mexico.....	-	-	1,908
Peru.....	22	-	22
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	1	-	1
<b>LINTERS</b>			
Total.....	2,381	3,889	9,308
Mexico.....	1,362	2,295	6,208
Brazil.....	97	458	1,042
Other countries.....	922	1,136	2,058
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	1,416	1,649	5,955
Canada.....	195	190	539
United Kingdom.....	20	122	190
France.....	1	1	87
Federal Republic of Germany.....	440	713	2,461
Austria.....	111	61	251
Switzerland.....	-	-	-
Italy.....	45	-	220
Japan.....	449	261	940
Other countries.....	155	301	1,267

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	85.2	83.8	84.6
Stock, August 1.....	21.4	24.0	20.7
Production.....	63.8	59.8	63.9
Distribution.....	85.7	84.2	85.2
Consumption.....	63.4	62.8	61.2
Stocks, July 31.....	22.3	21.4	24.0
Difference <sup>1</sup> .....	+0.5	+0.4	+0.6

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Melvinia Gary	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Maria Brown	(301) 763-5511

#### CONTACTS FOR DATA USERS



## A black and white illustration of a family scene. A man in a hat and suit is kneeling, writing in a large book. A woman stands behind him, holding a baby. A young child stands next to the man, looking at the book. A dog is lying on the ground in the foreground.

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3. 158.

# Consumption on the Cotton System

DECEMBER 1979

M22P(80)-5

Issued February 1980



U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
December (4 weeks).....	23,803	23,572	231	7,670	1,139	6,531	5,852	134,453	386
November (4 weeks).....	23,587	23,362	225	7,748	1,233	6,515	5,761	132,474	390
October (5 weeks).....	24,240	24,013	227	7,911	1,249	6,662	4,970	142,593	401
September (4 weeks).....	24,441	24,188	253	7,721	1,189	6,532	4,842	150,187	396
August (4 weeks).....	23,107	22,864	243	7,412	1,176	6,236	5,336	152,768	385
July (5 weeks).....	22,911	22,658	253	7,612	1,262	6,350	5,615	148,316	398
June (4 weeks).....	23,803	23,518	285	7,435	1,254	6,181	5,873	145,029	386
May (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405
1977									
December (5 weeks).....	24,477	24,251	226	7,928	1,487	6,441	7,289	115,134	404

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room Jan. 29, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Melvinia Gary, (301) 763-7807.

For sale by the Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price 30 cents per copy, \$3.90 per year.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average <sup>1</sup> spindle hours operated, total (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1979									
December (4 weeks).....	21,856	21,663	193	6,984	1,041	5,943	9,012	135,394	355
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,871	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	412
1977									
December (5 weeks).....	22,476	22,287	189	7,220	1,359	5,861	11,225	115,940	371

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1979			
December (4 weeks).....	67	54	310
November (4 weeks).....	66	58	309
October (5 weeks).....	68	59	316
September (4 weeks).....	69	56	310
August (4 weeks).....	65	55	296
July (5 weeks).....	65	59	301
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299
1978			
December (4 weeks).....	67	61	295



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 1979 (DEC. 2 TO DEC. 20)		NOVEMBER 1979 (NOV. 4 TO DEC. 1)		DECEMBER 1978 (DEC. 3 TO DEC. 30)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	437,131	215,790	481,980	239,758	434,692	217,308
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	435,123	214,795	479,867	238,684	432,331	216,123
ALABAMA . . . . .	58,408	28,643	60,100	29,825	58,847	29,290
GEORGIA . . . . .	81,619	40,133	88,962	44,316	76,312	38,111
NORTH CAROLINA . . . . .	150,619	74,435	167,973	83,346	150,158	75,069
SOUTH CAROLINA . . . . .	109,914	54,513	122,723	61,112	112,222	56,224
TENNESSEE . . . . .	9,017	4,350	10,004	4,910	8,175	4,032
TEXAS . . . . .	4,060	1,986	4,265	2,164	4,391	2,250
VIRGINIA . . . . .	12,230	6,098	14,799	7,393	13,318	6,663
OTHER STATES. . . . .	9,256	4,637	11,041	5,618	8,908	4,484
NEW ENGLAND. . . . .	1,776	877	1,862	946	2,114	1,059
REST OF UNITED STATES. . . . .	232	118	251	128	247	126
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	433,263	213,865	477,519	237,531	430,793	215,344
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	21,535	10,519	23,063	11,490	25,076	12,374
1 INCH AND 1-1/32 INCH STAPLES. . . . .	118,222	57,699	132,301	65,749	112,568	56,258
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	260,963	129,281	282,347	140,112	258,759	129,613
STAPLES LONGER THAN 1-3/32 INCH . . . . .	25,058	12,353	27,905	13,845	22,655	11,349
STAPLES NOT SPECIFIED BY KIND . . . . .	7,485	4,013	11,903	6,335	11,735	5,750
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	3,737	1,866	4,326	2,166	3,628	1,818
FOREIGN COTTON, TOTAL. . . . .	131	59	135	61	271	146
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	131	59	135	61	271	146
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	139,681	(X)	157,279	(X)	137,032
RAYON AND ACETATE . . . . .	(X)	20,825	(X)	24,759	(X)	23,866
NYLON . . . . .	(X)	10,683	(X)	11,924	(X)	9,114
ACRYLIC AND MODACRYLIC. . . . .	(X)	12,239	(X)	13,538	(X)	9,904
POLYESTER . . . . .	(X)	94,701	(X)	105,834	(X)	93,225
OTHER MANMADE FIBER . . . . .	(X)	1,233	(X)	1,224	(X)	923

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for December 1979; 20 for November 1979; and 20 for December 1978.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for December 1979; 24,060 for November 1979; and 24,862 for December 1978.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	DECEMBER 29, 1979		DECEMBER 1, 1979		DECEMBER 30, 1978	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	838,209	415,699	730,211	363,414	1,050,730	524,636
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	828,966	411,266	723,235	359,969	1,044,011	521,256
ALABAMA . . . . .	124,894	62,103	108,556	53,871	137,505	68,488
CALIFORNIA . . . . .	113,852	56,751	101,438	50,767	129,099	64,614
GEORGIA . . . . .	250,654	124,367	214,356	106,815	349,924	174,850
NORTH CAROLINA . . . . .	253,136	126,113	<sup>r</sup> 225,720	<sup>r</sup> 112,371	333,930	167,113
SOUTH CAROLINA . . . . .	48,597	23,447	<sup>r</sup> 39,785	<sup>r</sup> 19,454	55,925	27,329
TENNESSEE . . . . .	7,201	3,555	4,957	2,418	11,633	5,832
TEXAS . . . . .	19,497	9,412	17,560	8,771	18,039	9,024
VIRGINIA . . . . .	11,135	5,518	10,863	5,502	7,956	4,006
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	8,806	4,227	6,601	3,265	6,195	3,111
REST OF UNITED STATES. . . . .	437	206	375	180	524	269
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	826,088	409,746	717,697	357,282	1,036,314	517,485
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	10,686	5,318	11,136	5,529	13,434	6,613
FOREIGN COTTON, TOTAL. . . . .	1,435	635	<sup>r</sup> 1,378	<sup>r</sup> 603	982	538
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	1,435	635	533	260	982	538
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .			<sup>r</sup> 845	<sup>r</sup> 343		
MANMADE FIBER STAPLE (1) . . . . .	(X)	135,394	(X)	130,619	(X)	112,903
RAYON AND ACETATE . . . . .	(X)	22,058	(X)	22,111	(X)	25,023
NYLON . . . . .	(X)	12,356	(X)	<sup>r</sup> 9,761	(X)	7,316
ACRYLIC AND MODACRYLIC. . . . .	(X)	13,051	(X)	11,847	(X)	11,312
POLYESTER . . . . .	(X)	86,995	(X)	85,984	(X)	68,413
OTHER MANMADE FIBER . . . . .	(X)	934	(X)	916	(X)	839

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	DEC. 29, 1979	DEC. 1, 1979	DEC. 30, 1978
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	8,173,575	6,897,976	7,862,569
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	8,173,442	6,897,858	7,862,424
ALABAMA . . . . .	225,047	203,048	279,890
ARIZONA . . . . .	520,147	450,440	504,750
ARKANSAS . . . . .	334,914	340,025	501,069
CALIFORNIA . . . . .	1,530,052	1,331,583	1,167,737
GEORGIA . . . . .	181,662	166,518	214,255
LOUISIANA . . . . .	496,803	501,594	432,588
MISSISSIPPI . . . . .	785,329	732,110	1,014,058
MISSOURI . . . . .	97,283	132,505	152,177
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	101,182	78,167	111,537
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	184,949	191,044	280,845
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	3,178,923	2,385,442	2,664,408
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	537,151	<sup>F</sup> 385,382	539,110
NEW ENGLAND . . . . .	133	118	145
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	8,092,642	6,847,011	7,791,719
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	78,936	49,028	68,304
FOREIGN COTTON, TOTAL (2) . . . . .	1,937	1,937	2,546
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. <sup>F</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other States in the same area. <sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton in 500 lb. equivalent gross weight bales reported on December 29, 1979 were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	DECEMBER 1979 (DEC. 2 TO DEC. 29)	NOVEMBER 1979 (NOV. 4 TO DEC. 1)	DECEMBER 1978 (DEC. 3 TO DEC. 30)
CONSUMPTION, TOTAL . . . . .	RUN. BALES	71,176	74,730	68,064
BLEACHERS:- RUNNING BALES . . . . .	DO	59,143	61,313	51,507
GROSS WEIGHT . . . . .	M. LBS.	36,753	38,013	31,712
OTHER CONSUMERS . . . . .	RUN. BALES	12,033	13,417	16,557
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,775	<sup>F</sup> 3,197	2,946
ALL OTHER STATES . . . . .	DO	9,258	10,220	13,611
STOCKS, TOTAL ( END OF PERIOD ) . . . . .	RUN. BALES	191,235	163,621	278,158
BLEACHERS:- RUNNING BALES . . . . .	DO	81,768	74,741	165,049
GROSS WEIGHT . . . . .	M. LBS.	50,145	46,168	102,566
OTHER CONSUMERS . . . . .	RUN. BALES	28,784	26,772	31,088
PACIFIC AND MOUNTAIN STATES . . . . .	DO	4,322	<sup>F</sup> 3,883	3,834
ALL OTHER STATES . . . . .	DO	24,462	22,889	27,254
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	3,691	1,880	3,974
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,691	1,880	3,974
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	76,992	60,228	78,047

<sup>F</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
NOVEMBER 1979 (NOV. 4 TO DEC. 1)				
UNITED STATES, TOTAL . . . . .	17,394	6,416	2,255	7,574
COTTON GROWING STATES . . . . .	17,122	6,367	2,213	7,563
ALABAMA . . . . .	1,706	777	149	734
GEORGIA . . . . .	2,079	956	137	827
NORTH CAROLINA . . . . .	5,847	2,538	872	2,103
SOUTH CAROLINA . . . . .	6,215	1,505	996	3,321
TENNESSEE . . . . .	416	303	(D)	82
TEXAS . . . . .	157	25	24	(D)
VIRGINIA . . . . .	521	136	(D)	(D)
OTHER STATES . . . . .	181	127	-	53
NEW ENGLAND . . . . .	272	49	42	11
REST OF UNITED STATES . . . . .				
OCTOBER 1979 (SEPT. 30 TO NOV. 3)				
UNITED STATES, TOTAL . . . . .	17,415	6,451	2,282	7,518
COTTON GROWING STATES . . . . .	17,143	6,403	2,240	7,505
ALABAMA . . . . .	1,701	787	150	717
GEORGIA . . . . .	2,075	1,002	139	825
NORTH CAROLINA . . . . .	5,856	2,527	862	2,125
SOUTH CAROLINA . . . . .	6,236	1,494	1,027	3,257
TENNESSEE . . . . .	416	305	(D)	80
TEXAS . . . . .	157	25	26	(D)
VIRGINIA . . . . .	521	134	(D)	(D)
OTHER STATES . . . . .	181	129	-	51
NEW ENGLAND . . . . .	272	48	42	13
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
NEW ENGLAND 1979 NOV. 4 TO DEC. 1				
UNITED STATES, TOTAL . . . . .	7,933	3,229	1,041	3,663
COTTON GROWING STATES . . . . .	7,907	3,220	1,026	3,661
ALABAMA . . . . .	774	400	71	303
GEORGIA . . . . .	890	468	60	362
NORTH CAROLINA . . . . .	2,711	1,319	394	998
SOUTH CAROLINA . . . . .	2,925	750	474	1,701
TENNESSEE . . . . .	220	150	(D)	(D)
TEXAS . . . . .	53	7	(D)	(D)
VIRGINIA . . . . .	247	63	(D)	(D)
OTHER STATES . . . . .	87	63	-	24
NEW ENGLAND . . . . .	26	9	15	2
REST OF UNITED STATES . . . . .				
OCTOBER 1979 SEPT. 30 TO NOV.				
UNITED STATES, TOTAL . . . . .	10,447	4,244	1,405	4,798
COTTON GROWING STATES . . . . .	10,408	4,232	1,382	4,794
ALABAMA . . . . .	1,058	554	97	407
GEORGIA . . . . .	1,183	602	80	501
NORTH CAROLINA . . . . .	3,583	1,722	542	1,319
SOUTH CAROLINA . . . . .	3,766	980	624	2,162
TENNESSEE . . . . .	288	192	(D)	(D)
TEXAS . . . . .	79	10	(D)	(D)
VIRGINIA . . . . .	338	90	(D)	(D)
OTHER STATES . . . . .	113	82	-	31
NEW ENGLAND . . . . .	39	12	23	4
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
DECEMBER 1979 (DEC. 2 TO DEC. 29)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	437,131	318,815	89,290	29,026
STOCKS (2) . . . . .	BALES	838,209	581,633	186,239	70,337
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	139,681	86,964	30,693	22,024
STOCKS . . . . .	M LBS	135,394	76,691	34,619	24,084
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	20,825	12,405	4,686	3,734
STOCKS . . . . .	M LBS	22,058	10,613	7,824	3,621
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	118,856	74,559	26,007	18,290
STOCKS . . . . .	M LBS	113,336	66,078	26,795	20,463
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,307	11,971	3,937	1,399
ACTIVE SPINDLE . . . . .	THOUSANDS	16,289	11,280	3,717	1,292
HOURS OPERATED . . . . .	MILLIONS	7,109	4,911	1,624	574
NOVEMBER 1979 (NOV. 4 TO DEC. 1)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	481,980	347,963	102,412	31,605
STOCKS (2) . . . . .	BALES	730,211	497,176	167,835	65,200
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	157,279	97,379	35,400	24,500
STOCKS . . . . .	M LBS	130,619	75,394	31,016	24,209
CELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	24,759	14,551	6,012	4,196
STOCKS . . . . .	M LBS	22,111	11,226	6,917	3,968
NONCELLULOSIC: (1)					
CONSUMPTION . . . . .	M LBS	132,520	82,828	29,388	20,304
STOCKS . . . . .	M LBS	108,508	64,168	24,099	20,241
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,304	11,973	3,931	1,400
ACTIVE SPINDLE . . . . .	THOUSANDS	16,248	11,241	3,720	1,287
HOURS OPERATED . . . . .	MILLIONS	7,880	5,409	1,830	641

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for December 1979 and 20 for November 1979.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lbs. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; 480 bales for linters; thousand pounds for staple)

Country to which exported	November 1979	October 1979	Cotton season 4 months through November 1979
<b>COTTON</b>			
Total.....	629,746	390,209	1,910,587
Canada.....	21,413	24,577	88,403
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	12,989	6,299	47,456
Republic of Philippines.....	5,484	7,847	30,788
Republic of Korea.....	99,388	94,172	386,726
China-Taiwan.....	36,898	29,218	134,350
Japan.....	149,524	62,404	379,830
Other countries.....	304,050	165,692	843,034
<b>LINTERS</b>			
Total.....	23,669	16,550	74,711
Canada.....	7,849	5,228	19,968
Mexico.....	411	133	890
United Kingdom.....	202	69	707
Federal Republic of Germany.....	4,228	3,909	17,906
Japan.....	8,302	5,770	25,864
Other countries.....	2,677	1,441	9,376
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	66,305	92,083	303,091
Canada.....	8,045	8,588	34,521
Brazil.....	200	922	2,132
United Kingdom.....	2,792	3,381	11,399
Netherlands.....	544	877	3,142
Belgium.....	2,970	3,783	13,383
Federal Republic of Germany.....	1,185	1,371	6,299
Switzerland.....	200	141	555
U.S.S.R.....	221	598	819
Hong Kong.....	4,532	2,354	14,806
Japan.....	769	2,409	7,943
Australia.....	1,899	2,297	9,703
Other countries.....	42,948	65,362	198,389

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242; 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	November 1979	October 1979	Cotton season 4 months through November 1979
COTTON			
Total.....	217	23	2,148
Mexico.....	195	-	2,103
Peru.....	22	22	44
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	1	1
LINTERS			
Total.....	3,539	2,381	12,847
Mexico.....	2,788	1,362	8,996
Brazil.....	180	97	1,222
Other countries.....	571	922	2,629
MANMADE FIBER STAPLE AND TOW			
Total.....	2,160	1,416	8,115
Canada.....	225	195	764
United Kingdom.....	46	20	236
France.....	-	1	87
Federal Republic of Germany.....	677	440	3,138
Austria.....	61	111	312
Switzerland.....	-	-	-
Italy.....	-	45	220
Japan.....	326	449	1,266
Other countries.....	825	155	2,092

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	86.5	83.8	84.6
Stock, August 1.....	21.4	24.0	20.7
Production.....	65.1	59.8	63.9
Distribution.....	86.3	84.2	85.3
Consumption.....	64.0	62.8	61.3
Stocks, July 31.....	22.3	21.4	24.0
Difference <sup>1</sup> .....	-0.2	+0.4	+0.7

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industrial level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped to the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *"Direct" vs "Total" Commodity Export and Import*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used and rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

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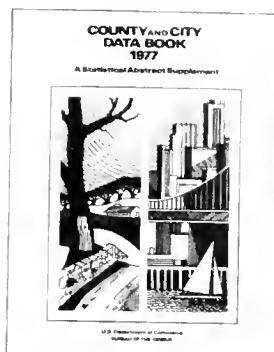
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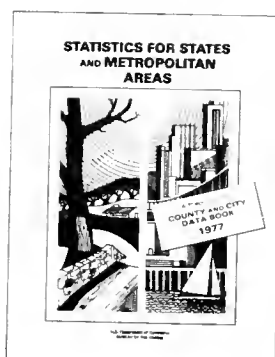
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# Consumption on the Cotton System

Summary for Cotton Season 1978-1979

M22P(79)-13  
Issued January 1980



U.S. Department of Commerce  
BUREAU OF THE CENSUS

1722P (79)-13

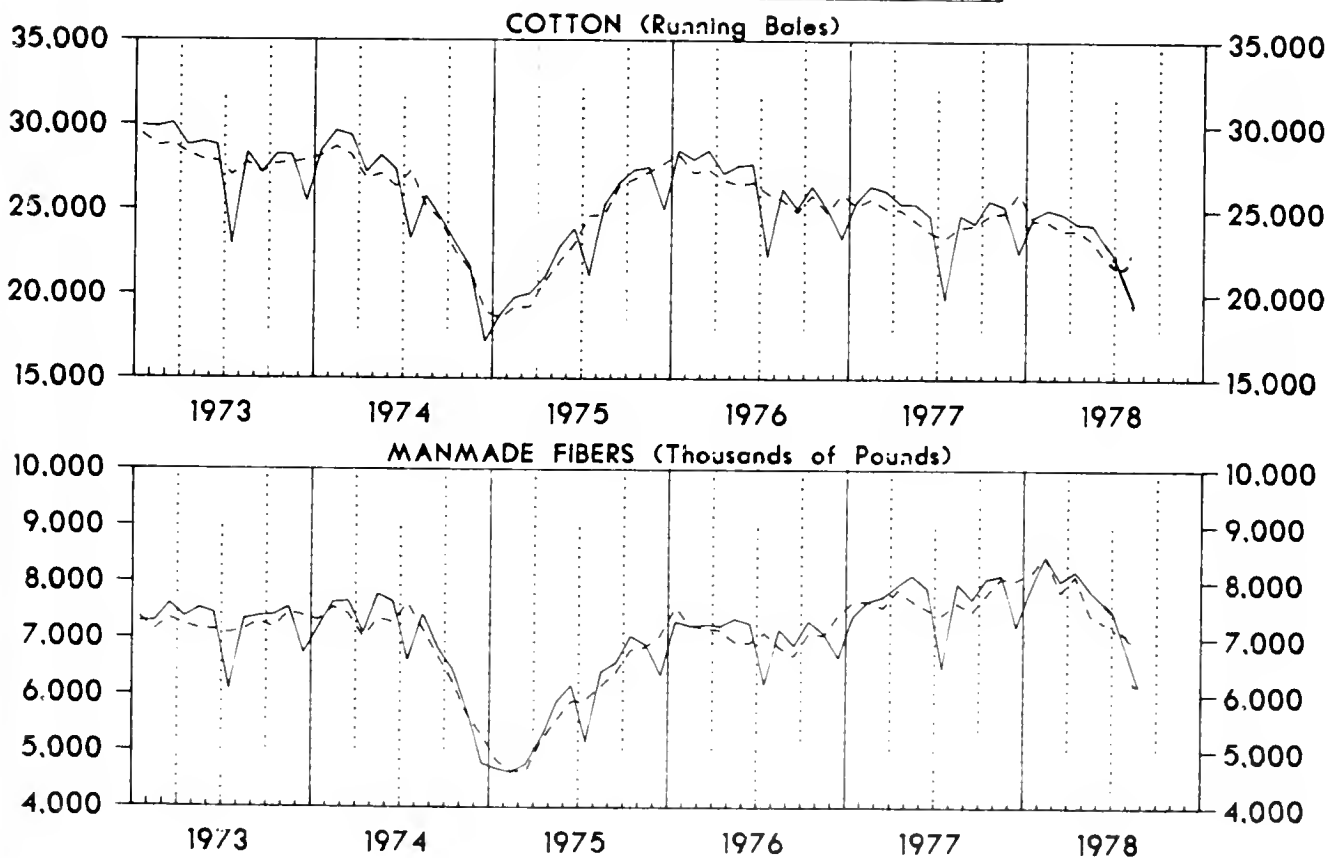
## SUMMARY OF FINDINGS

Total cotton consumption for the cotton season of 1978-1979 decreased 1 percent over the consumption of cotton

for the 1977-1978 cotton season, and consumption of manmade fiber staple decreased 2 percent over the 1977-1978 cotton season. However, at the same time stocks of cotton decreased by 39 percent.

## DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1973 TO 1978

----- Seasonally Adjusted  
———— Not Seasonally Adjusted



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Table 1. STOCKS OF COTTON AND CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE: 1971 TO 1979

Date	Index of cotton consumption, seasonally adjusted <sup>1</sup>	Total cotton consumption (running bales)	Average per working day (running bales)	Total cotton stocks, end of year (running bales)	Consumption of manmade fiber staple (1,000 pounds)
Year ending August 1, 1979.....	65	6,180,439	23,771	3,532,001	1,990,914
Year ending August 1, 1978.....	63	6,216,803	23,911	4,926,394	2,025,548
Year ending August 1, 1977.....	66	6,477,724	24,914	2,845,005	1,913,183
Year ending August 1, 1976.....	73	6,964,529	26,787	3,444,008	1,800,876
Year ending August 1, 1975.....	72	5,603,789	21,602	5,205,714	1,462,602
Year ending August 1, 1974.....	79	7,149,887	27,559	3,543,143	1,902,060
Year ending August 1, 1973.....	81	7,568,235	28,749	3,578,985	1,853,040
Year ending August 1, 1972.....	88	8,009,715	30,807	3,154,033	1,588,163
Year ending August 1, 1971.....	82	8,067,768	31,037	3,851,900	1,397,736

Note: Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales.

<sup>1</sup>Index of cotton consumption adjusted for seasonal variation (1959 through 1974-base, 1967=100; 1967 and 1968-base, 1957-59=100).

Table 2. SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1978 TO 1979

(Running bales, except that imported cotton is in equivalent 500-pound gross weight bales)

Supply and distribution	Number of bales	Supply and distribution	Number of bales
SUPPLY		SUPPLY--Continued	
Stocks, July 29, 1978, total <sup>1</sup> .....	5,326,394	Ginnings, prior to August 1, 1979, crop of 1979.....	72,197
In consuming establishments.....	1,119,877	Aggregate supply.....	15,808,307
In public storage and at compresses.....	3,806,517	DISTRIBUTION	
Elsewhere (partially estimated) <sup>2</sup> .....	400,000	Total exports.....	5,850,431
Net imports of foreign cotton.....	4,288	Consumption, adjusted to calendar year.....	6,098,143
Total imports for consumption.....	4,288	Stocks, August 4, 1979, total <sup>1</sup> .....	3,782,001
Less: Re-exports (other than withdrawals from bond for export).....	-	In consuming establishments.....	927,471
Ginnings, crop of 1978 during crop year 1978 to 1979.....	10,405,428	In public storage and at compresses.....	2,604,530
Total ginnings, crop of 1978.....	10,549,219	Elsewhere (partially estimated) <sup>2</sup> .....	250,000
Less: Ginnings prior to August 1, 1978.....	143,791	Aggregate distribution.....	15,730,575
		Excess of reported supply over distribution.....	77,732

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

Table 3. SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1978 TO 1979

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>	Supply and distribution	Number of bales <sup>1</sup>
SUPPLY		DISTRIBUTION	
Stocks, July 29, 1978.....	281,513	Exports.....	263,041
In consuming establishments.....	205,192	Consumption.....	980,056
In public storage.....	6,247	Stocks, August 4, 1979, total.....	229,062
In oil mills.....	69,074	In consuming establishments.....	167,230
Elsewhere (partially estimated).....	1,000	In public storage.....	3,668
Imports.....	60,181	In oil mills.....	57,164
Total imports for consumption.....	60,181	Elsewhere (partially estimated).....	1,000
Less: Re-exports.....	-	Aggregate distribution.....	1,472,159
Production.....	1,077,074	Excess of reported supply over distribution.....	53,391
Aggregate supply.....	1,418,768		

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600-pound gross weight bales; other imports in 500-pound gross weight bales; other figures in running bales.



Table 4A. CONSUMPTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES, BY MONTHS: SEASON OF 1978 TO 1979

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Reporting period (month)	Index of cotton consumption, seasonally adjusted	Average per working day	Cotton		
			Total	Domestic	Foreign
Total, year ending August 4, 1979.....	(X)	23,771	6,180,439	6,176,296	4,143
August (4 weeks) 1978.....	63	22,941	458,815	458,340	475
September (5 weeks).....	65	22,780	569,495	568,929	566
October (4 weeks).....	65	24,090	481,790	481,350	440
November (5 weeks).....	66	23,809	595,235	594,687	548
December (4 weeks).....	67	21,735	434,692	434,421	271
January (5 weeks) 1979.....	67	24,114	602,857	602,541	316
February (4 weeks).....	64	23,567	471,347	471,116	231
March (4 weeks).....	64	25,306	506,111	505,922	189
April (5 weeks).....	65	23,358	583,965	583,684	281
May (4 weeks).....	66	24,193	483,869	483,607	262
June (4 weeks).....	67	24,454	489,086	488,816	270
July (5 weeks).....	65	20,127	503,177	502,883	294

(X) Not applicable.

Table 4B. CONSUMPTION OF AMERICAN UPLAND COTTON, BY STAPLE LENGTH, BY MONTHS: SEASON OF 1978 TO 1979

(Running bales)

Reporting period (month)	Total	Staples less than 1" in length	1" and 1-1 3/2" staples	1-1 1/2" and 1-1 3/2" staples	Staples longer than 1-1 3/2"	Staples not specified by kind
Total, year ending August 4, 1979.....	6,114,150	336,649	1,607,093	3,671,050	335,372	163,986
August (4 weeks) 1978.....	453,683	27,323	109,231	277,273	26,965	12,891
September (5 weeks).....	563,668	34,149	143,867	336,397	33,059	16,196
October (4 weeks).....	476,894	28,289	121,502	287,976	25,806	13,321
November (5 weeks).....	588,654	32,196	166,473	344,084	30,632	15,269
December (4 weeks).....	430,793	25,076	112,568	258,759	22,655	11,735
January (5 weeks) 1979.....	595,924	31,811	158,219	358,890	29,875	17,129
February (4 weeks).....	466,385	23,768	126,907	280,501	23,686	11,523
March (4 weeks).....	500,393	26,197	129,334	307,302	25,090	12,470
April (5 weeks).....	577,987	32,238	152,561	347,623	30,676	14,889
May (4 weeks).....	478,326	25,205	122,293	290,461	28,026	12,341
June (4 weeks).....	483,541	24,670	128,331	288,719	29,491	12,330
July (5 weeks).....	497,902	25,727	135,807	293,065	29,411	13,892

Table 5. STOCKS OF COTTON IN CONSUMING ESTABLISHMENTS AND IN PUBLIC WAREHOUSES AND COMPRESSES IN THE UNITED STATES: SEASON OF 1978 TO 1979

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Date	Total	In consuming establishments			In warehouses and compresses		
		Total	Domestic cotton	Foreign cotton	Total	Domestic cotton	Foreign cotton <sup>1</sup>
August 26, 1978.....	4,526,617	1,064,977	1,063,284	1,693	3,461,640	3,458,923	2,717
September 30, 1978.....	4,466,145	1,032,259	1,030,373	1,886	3,433,886	3,431,344	2,542
October 28, 1978.....	6,328,804	1,015,258	1,013,781	1,477	5,313,546	5,311,878	1,668
December 2, 1978.....	7,234,183	1,002,557	1,001,352	1,205	6,231,626	6,229,633	1,993
December 30, 1978.....	8,913,299	1,050,730	1,049,748	982	7,862,569	7,860,023	2,546
February 3, 1979.....	8,740,047	1,049,867	1,049,069	798	7,690,180	7,687,401	2,779
March 3, 1979.....	7,953,168	1,069,612	1,068,713	899	6,883,556	6,880,960	2,596
March 31, 1979.....	7,134,018	1,098,963	1,097,543	1,420	6,035,055	6,032,749	2,306
May 5, 1979.....	6,156,497	1,094,968	1,093,042	1,926	5,061,529	5,058,199	3,330
June 2, 1979.....	5,239,509	1,065,849	1,064,142	1,707	4,173,660	4,170,455	3,205
June 30, 1979.....	4,247,567	969,243	967,318	1,925	3,278,324	3,275,119	3,205
August 4, 1979.....	3,532,001	927,471	925,646	1,825	2,604,530	2,601,873	2,657

<sup>1</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries.

Table 6. CONSUMPTION AND STOCKS OF AMERICAN-PIMA AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1978 TO 1979

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Type of cotton	Consumption		Stocks held in--			
	Feb. 4, 1979 to Aug. 4, 1979	July 30, 1978 to Feb. 3, 1979	Consuming establishments		Public warehouses and compresses	
			Aug. 4, 1979	Feb. 3, 1979	Aug. 4, 1979	Feb. 3, 1979
American-Pima cotton <sup>1</sup> .....	31,494	30,652	15,442	12,288	31,776	85,211
Foreign cotton, total.....	1,527	2,616	1,825	798	2,657	2,779
Staple length 1-1/8" or more.....	1,527	2,616	808	798	(D)	(D)
Staple length under 1-1/8".....			1,017		(D)	(D)

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes Sea Island and other domestic cotton which accounted for less than 1 percent of the total.

Table 7. CONSUMPTION OF MANMADE FIBER STAPLE, BY MONTH, AUGUST 1978 TO JULY 1979

(Thousands of pounds)

Reporting period (month)	Index of manmade fiber staple consumption, seasonally adjusted <sup>1</sup>		Total <sup>1</sup>	Rayon and or acetate	Nylon	Acrylic and modacrylic	Polyester	Other man- made fiber staple
	Cellulosic	Non- cellulosic						
Total, year ending August 4, 1979.....	(X)	(X)	1,990,914	347,283	129,913	172,575	1,326,430	14,713
August 1978 (4 weeks).....	63	284	150,512	27,503	8,815	14,589	98,658	947
September 1978 (5 weeks).....	64	294	188,112	34,346	12,183	16,871	123,594	1,118
October 1978 (4 weeks).....	64	296	158,374	29,307	9,627	13,867	104,444	1,129
November 1978 (5 weeks).....	60	302	143,757	32,008	14,942	16,378	129,366	1,063
December 1978 (4 weeks).....	61	245	137,032	23,866	9,114	9,904	93,225	923
January 1979 (5 weeks).....	69	244	141,752	36,445	11,790	14,364	127,792	1,361
February 1979 (4 weeks).....	61	288	149,182	25,894	9,170	12,636	100,429	1,053
March 1979 (4 weeks).....	63	299	156,684	26,630	10,963	13,455	104,059	1,577
April 1979 (5 weeks).....	63	288	141,147	33,290	11,257	18,025	127,027	1,598
May 1979 (4 weeks).....	55	296	156,296	25,060	9,854	13,888	106,068	1,426
June 1979 (4 weeks).....	59	293	153,932	25,994	10,881	13,933	101,830	1,294
July 1979 (5 weeks).....	59	301	164,084	26,940	11,317	14,665	109,938	1,224

(X) Not applicable.

<sup>1</sup>Represents consumption in mills with cotton system spindles.

Table 8. STOCKS OF MANMADE FIBER STAPLE, BY MONTH, AUGUST 1978 TO JULY 1979

(Thousands of pounds)

Inventory date	Total <sup>1</sup>	Rayon and or acetate	Nylon	Acrylic and modacrylic	Polyester	Other manmade fiber staple
August 26, 1978.....	114,259	24,979	8,004	10,597	69,719	960
September 30, 1978.....	115,045	26,095	8,159	10,536	69,268	987
October 28, 1978.....	107,775	23,907	7,489	10,173	65,180	1,026
December 2, 1978.....	108,813	24,544	6,445	10,994	65,921	909
December 30, 1978.....	112,903	25,023	7,316	11,312	68,413	839
February 3, 1979.....	116,755	24,929	8,485	12,060	70,609	672
March 3, 1979.....	130,456	26,695	8,879	13,190	81,088	604
March 31, 1979.....	131,871	27,383	7,900	12,260	83,134	1,194
May 5, 1979.....	143,032	29,615	9,169	14,049	89,162	1,037
June 2, 1979.....	143,008	27,169	8,304	15,905	90,848	782
June 30, 1979.....	142,709	24,970	9,066	16,890	90,829	954
August 4, 1979.....	147,129	24,357	10,350	16,929	94,660	833

<sup>1</sup>Represents stocks in cotton mills.

Table 9. CONSUMPTION OF LINTERS, BY TYPE OF CONSUMER, IN THE UNITED STATES: SEASON OF 1978 TO 1979

(Running bales)

Reporting period (month)	Total	Bleachers	Other consumers		
			Total	Pacific and Mountain States	All other States
Total, year ending August 4, 1979.....	980,056	746,852	233,204	40,893	192,311
August (4 weeks) 1978.....	64,794	42,568	22,226	3,635	18,591
September (5 weeks).....	91,111	64,912	26,199	4,335	21,864
October (4 weeks).....	81,740	60,014	21,726	3,665	18,061
November (5 weeks).....	93,391	66,919	26,472	3,846	22,626
December (4 weeks).....	68,064	51,507	16,557	2,946	13,611
January (5 weeks) 1979.....	91,465	70,470	20,995	3,924	17,071
February (4 weeks).....	82,062	64,722	17,340	3,098	14,242
March (4 weeks).....	84,258	66,875	17,383	3,081	14,302
April (5 weeks).....	109,126	89,631	19,495	3,648	15,847
May (4 weeks).....	79,879	64,033	15,846	2,835	13,011
June (4 weeks).....	80,476	66,239	14,237	2,619	11,618
July (5 weeks).....	53,690	38,962	14,728	3,261	11,467

Table 10. STOCKS OF LINTERS BY TYPE OF ESTABLISHMENTS IN THE UNITED STATES: SEASON OF 1978 TO 1979

(Number of running bales)

Period	All establish- ments, total	Consuming establishments					Public storage and compresses	Oil mills <sup>1</sup>
		Total	Bleachers	Other consumers				
				Total	Pacific and Mountain States	All other States		
August 26, 1978.....	273,202	207,143	172,651	34,492	4,020	30,472	2,971	63,088
September 30, 1978.....	255,900	193,395	161,645	31,750	4,181	27,569	2,297	60,208
October 28, 1978.....	253,617	183,080	153,973	29,107	3,668	25,439	4,077	66,460
December 2, 1978.....	265,606	186,305	155,829	30,476	3,841	26,635	4,229	75,072
December 30, 1978.....	278,158	196,137	165,049	31,088	3,834	27,254	3,974	78,047
February 3, 1979.....	292,488	197,861	167,234	30,627	4,224	26,403	4,984	89,643
March 3, 1979.....	294,325	199,819	170,709	29,110	4,038	25,072	5,172	89,334
March 31, 1979.....	291,468	200,061	171,286	28,775	3,981	24,794	6,667	84,740
May 5, 1979.....	286,925	192,201	162,093	30,108	4,104	26,004	8,233	86,491
June 2, 1979.....	267,573	180,783	152,850	27,933	3,908	24,025	7,061	79,729
June 30, 1979.....	230,187	155,271	128,102	27,169	3,537	23,632	4,544	70,372
August 4, 1979.....	228,062	167,230	140,980	26,250	3,557	22,693	3,668	57,164

<sup>1</sup>Oil mill stocks in estimated running bales based on information reported in pounds.

## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters.

This report summarized the consumption and stocks data published monthly in the Current Industrial Reports Series M22P, Cotton, Manmade Fiber Staple, and Linters—Consumption and Stocks, and Spindle Activity. A tabulation of the annual reports submitted by respondents who are excluded from the monthly mailing panel did not show any significant differences compared to the monthly estimates. As a result, no revisions have been made to the monthly figures previously published in this series.

**Survey Error**—Figures for each month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

### REPORTING CALENDAR

1978-1979

Cotton Season

Month	Number of weeks in period	Period covered
August	4	July 30—August 26
September	5	August 27—September 30
October	4	October 1—October 28
November	5	October 29—December 2
December	4	December 3—December 30
January	5	December 31, 1978—February 3, 1979
February	4	February 4—March 3
March	4	March 4—March 31
April	5	April 1—May 5
May	4	May 6—June 2
June	4	June 3—June 30
July	5	July 1—August 4

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
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U.S. Department of Commerce  
BUREAU OF THE CENSUS

# Consumption on the Cotton System

## Seasonal Adjustment Supplement 1974 to 1979

M22P Supplement  
Issued May 1980

This report presents seasonally adjusted data for the year 1974 to 1979 for a number of the more important series published monthly in Current Industrial Reports Series M22P, **Cotton, Manmade Fiber Staple, and Linters**. The data for the years 1970 to 1973 were excluded from this publication because there were no significant changes. These data are available in the M22P Seasonal Adjustment Supplement published in March 1979.

The seasonal adjustment program largely eliminates the effect of normal seasonal variations (including variations due to vacations, weather, etc.) as measured over the time period for which data were used. The resulting information thus provides a better measure than the original data of the month-to-month variations which are due to factors that are not associated with a repetitive seasonal pattern.

The seasonal adjustments were made using the X-11 variant of the Census Bureau's seasonal adjustment program. This program is amply described in the literature on this method.<sup>1</sup> It should be noted that the data included in this report are adjusted on an establishment basis, prior to tabulation for variation in the length of the reporting period such as 4-week, 5-week, or calendar month.

For each series included in this report the following data are shown:

1. Seasonally-adjusted data
2. Data without seasonal adjustment (original series)
3. Seasonal adjustment factors. The seasonally-adjusted data are obtained by dividing the unadjusted data by the seasonal factors for the specific month
4. Average percentage changes and related measures for each series.

<sup>1</sup> **Electronic Computers and Business Indicators**, National Bureau of Economic Research Occasional Paper 57 (New York, 1957); **Tests and Revisions of Bureau of the Census Methods of Seasonal Adjustments**, Bureau of the Census Technical Paper No. 5 (Washington, 1961, \$1.00); **The X-11 Variant of the Census Method II Seasonal Adjustment Program**, Bureau of the Census Technical Paper No. 15 (Washington, 1967, \$0.50).

The seasonally adjusted data were developed for each of the detailed series shown. Adjusted data for the summary totals are obtained by summarizing the adjusted lower order totals to higher levels. The seasonal factors for these higher level totals are implied factors developed by dividing the unadjusted data by the adjusted data and will differ somewhat from that which would have been obtained by direct seasonal adjustment of the data.

### BRIEF DEFINITIONS OF MEASURES SHOWN IN TABLE 8

The following are brief definitions; more complete explanations appear in **Electronic Computer and Business Indicators**, by Julius Shiskin, issued as Occasional Paper 57 by the National Bureau of Economic Research, 1957 (reprinted from **Journal of Business**, October 1957).

*CI*—The average month-to-month percentage change, without regard to sign, in the seasonally adjusted series (i.e., the series after adjustment for measurable seasonal, trading-day, and holiday variations).

*I*—The same for the irregular component, obtained by dividing the cyclical component into the seasonal adjusted series.

*C*—The same for the cyclical component, a smooth, flexible moving average for the seasonally adjusted series.

*I/C*—A measure of the relative smoothness (small values) or irregularity (large values) of the seasonally adjusted series. It is shown for 1-month spans and for spans of the period of MCD. When MCD is "6," no I/C ratio is shown for the MCD period.

*MCD (Months for Cyclical Dominance)*—Provides an estimate of the appropriate time span over which to observe cyclical

Table 1. UPLAND COTTON CONSUMPTION, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES--RUNNING BALES												
1974.....	27,717	28,409	27,705	26,805	26,668	26,076	27,348	24,777	24,534	22,112	20,917	18,657
1975.....	18,131	18,909	19,046	20,813	21,668	29,922	24,816	24,328	26,735	25,971	26,708	26,987
1976.....	27,536	25,799	27,057	26,464	26,464	26,534	25,941	25,618	24,997	24,941	24,480	24,876
1977.....	24,644	25,221	24,870	24,692	24,433	23,783	23,108	24,212	24,241	24,300	24,512	24,022
1978.....	23,909	23,936	23,415	23,685	23,205	22,280	22,637	22,617	22,708	22,957	23,039	23,071
1979.....	23,234	22,496	23,940	22,936	23,267	23,654	23,962	23,158	24,189	23,878	23,339	23,268
ORIGINAL SERIES--RUNNING BALES												
1974.....	28,131	29,251	29,013	26,857	27,793	26,990	23,008	25,473	24,191	22,729	21,400	16,989
1975.....	18,531	19,526	19,788	20,757	22,515	23,607	20,882	25,012	26,282	27,014	27,162	24,698
1976.....	28,143	27,608	28,083	26,702	27,156	27,303	21,934	25,871	24,747	26,043	24,771	23,000
1977.....	25,186	26,094	25,812	25,064	25,087	24,378	19,508	24,429	23,974	25,320	25,002	22,287
1978.....	24,359	24,764	24,520	23,946	23,900	22,726	18,951	22,684	22,547	23,845	23,546	21,779
1979.....	23,837	23,319	25,020	23,119	23,916	24,177	19,916	23,367	23,874	24,950	23,876	21,618
SEASONAL FACTORS WITH TRADING-DAY--PERCENT												
1974.....	101.5	103.0	104.7	100.2	104.2	103.5	84.1	102.8	99.6	102.8	102.3	91.0
1975.....	102.2	103.3	103.9	100.7	103.9	103.0	84.1	102.8	98.3	104.0	101.7	91.5
1976.....	102.2	107.0	103.8	100.9	103.4	102.9	84.6	101.0	99.0	104.4	101.2	92.5
1977.....	102.2	103.5	103.8	101.5	102.7	102.5	84.4	100.9	99.9	104.2	102.0	92.8
1978.....	101.9	103.7	104.5	101.1	103.0	102.0	83.7	100.3	99.3	103.9	102.2	93.4
1979.....	102.6	103.7	104.5	100.8	102.8	102.2	83.1	100.9	98.7	104.5	102.3	92.9
SEASONAL FACTORS WITH TRADING-DAY, ONE YEAR AHEAD--PERCENT												
1980.....	102.6	108.0	104.1	101.1	103.3	101.1	83.3	100.8	98.0	105.2	102.4	92.9

Table 2. EXTRA LONG STAPLE COTTON CONSUMPTION, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES--RUNNING BALES												
1974.....	346	341	336	312	326	315	309	294	270	260	220	213
1975.....	218	230	212	234	227	225	235	257	294	295	330	338
1976.....	329	314	369	382	392	357	352	329	312	334	315	367
1977.....	281	287	293	273	254	252	262	256	264	261	244	235
1978.....	260	270	244	247	247	252	256	255	240	239	277	243
1979.....	265	242	257	221	252	269	246	248	251	233	236	245
ORIGINAL SERIES--RUNNING BALES												
1974.....	355	359	346	319	356	329	256	298	265	274	216	180
1975.....	222	242	222	245	251	232	197	261	287	311	319	279
1976.....	335	329	395	408	436	365	296	332	305	349	301	298
1977.....	289	298	319	295	282	257	222	258	256	270	233	189
1978.....	270	278	270	267	273	258	218	257	233	245	263	196
1979.....	277	248	286	239	277	277	211	250	243	238	223	195
SEASONAL FACTORS WITH TRADING-DAY--PERCENT												
1974.....	102.5	105.3	103.0	102.3	109.1	104.5	82.9	101.4	98.1	105.5	98.4	84.7
1975.....	101.7	105.2	104.8	104.6	110.6	103.0	83.8	101.4	97.9	105.3	96.7	82.6
1976.....	101.8	104.8	107.1	106.8	111.1	102.1	84.2	100.9	97.6	104.6	95.7	81.1
1977.....	102.7	104.0	109.0	108.0	111.1	102.1	84.8	100.6	97.1	103.6	95.4	80.4
1978.....	103.8	103.0	110.5	108.3	110.4	102.5	85.1	100.6	97.0	102.6	94.9	80.2
1979.....	104.6	102.6	111.4	108.1	109.9	102.8	85.6	100.9	96.9	102.3	94.5	79.7
SEASONAL FACTORS WITH TRADING-DAY, ONE YEAR AHEAD--PERCENT												
1980.....	105.0	102.4	111.9	108.0	109.6	103.0	85.8	101.0	96.9	102.1	94.2	79.5



Table 3. CELLULOSIC FIBER STAPLE CONSUMPTION, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES--THOUSAND POUNDS												
1974.....	2,200	2,267	2,260	2,047	2,095	2,097	1,943	1,814	1,623	1,459	1,214	1,108
1975.....	942	958	941	1,051	1,159	1,249	1,261	1,323	1,380	1,451	1,620	1,565
1976.....	1,543	1,570	1,525	1,556	1,473	1,465	1,499	1,458	1,425	1,440	1,503	1,509
1977.....	1,495	1,520	1,463	1,506	1,565	1,521	1,454	1,569	1,551	1,527	1,518	1,508
1978.....	1,602	1,634	1,520	1,411	1,296	1,347	1,321	1,345	1,370	1,360	1,286	1,327
1979.....	1,424	1,286	1,315	1,320	1,177	1,268	1,253	1,192	1,196	1,239	1,247	1,196
ORIGINAL SERIES--THOUSAND POUNDS												
1974.....	2,174	2,278	2,292	2,057	2,233	2,233	1,648	1,859	1,655	1,545	1,218	1,004
1975.....	933	957	948	1,054	1,239	1,328	1,079	1,363	1,403	1,541	1,617	1,416
1976.....	1,538	1,564	1,531	1,561	1,576	1,544	1,291	1,503	1,442	1,535	1,495	1,361
1977.....	1,508	1,518	1,473	1,515	1,671	1,583	1,255	1,611	1,560	1,638	1,509	1,359
1978.....	1,632	1,637	1,535	1,422	1,382	1,387	1,139	1,375	1,374	1,465	1,280	1,197
1979.....	1,458	1,295	1,332	1,332	1,253	1,300	1,078	1,216	1,200	1,338	1,238	1,073
SEASONAL FACTORS--PERCENT												
1974.....	98.8	100.5	101.4	100.5	106.6	106.5	84.8	102.5	102.0	105.9	100.3	90.6
1975.....	99.0	99.9	100.7	100.3	106.9	106.3	85.6	103.0	101.7	106.2	99.8	90.5
1976.....	99.7	99.6	100.4	100.3	107.0	105.4	86.1	103.1	101.2	106.6	99.5	90.2
1977.....	100.9	99.9	100.7	100.6	106.8	104.1	86.3	102.7	100.6	107.3	99.4	90.1
1978.....	101.9	100.2	101.0	100.8	106.6	103.0	86.2	102.2	100.3	107.7	99.5	89.9
1979.....	102.4	100.7	101.3	100.9	106.5	102.5	86.0	102.0	100.3	108.0	99.3	89.7
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1980.....	102.7	100.9	101.4	100.9	106.4	102.2	85.9	101.9	100.3	108.2	99.2	89.7

Table 4. NONCELLULOSIC FIBER STAPLE CONSUMPTION, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONAL ADJUSTED SERIES--THOUSAND POUNDS												
1974.....	5,122	5,311	5,205	4,938	5,267	5,237	5,692	5,388	5,126	4,752	4,444	4,133
1975.....	3,842	3,648	3,719	4,085	4,410	4,682	4,675	4,886	5,112	5,295	5,221	5,416
1976.....	5,878	5,604	5,557	5,503	5,483	5,559	5,659	5,503	5,413	5,559	5,516	5,819
1977.....	5,978	6,063	6,072	6,234	6,131	6,143	6,064	6,253	6,153	6,184	6,482	6,405
1978.....	6,311	6,743	6,257	6,560	6,176	6,189	6,040	6,077	6,206	6,199	6,300	6,163
1979.....	6,231	6,073	6,253	6,091	6,261	6,247	6,431	6,335	6,559	6,623	6,427	6,361
ORIGINAL SERIES--THOUSAND POUNDS												
1974.....	5,014	5,364	5,366	5,037	5,546	5,415	4,969	5,560	5,188	4,923	4,488	3,773
1975.....	3,754	3,681	3,823	4,183	4,639	4,837	4,077	5,047	5,163	5,502	5,278	4,934
1976.....	5,760	5,660	5,718	5,657	5,774	5,726	4,901	5,657	5,435	5,781	5,604	5,301
1977.....	5,894	6,142	6,272	6,433	6,450	6,315	5,221	6,372	6,135	6,438	6,618	5,861
1978.....	6,267	6,831	6,495	6,783	6,485	6,344	5,170	6,150	6,150	6,453	6,470	5,596
1979.....	6,212	6,164	6,503	6,316	6,562	6,397	5,486	6,392	6,480	6,888	6,626	5,846
SEASONAL FACTORS--PERCENT												
1974.....	97.9	101.0	103.1	102.0	105.3	103.4	87.3	103.2	101.2	103.6	101.0	91.3
1975.....	97.7	100.9	102.8	102.4	105.2	103.3	87.2	103.3	101.0	103.9	101.1	91.1
1976.....	98.0	101.0	102.9	102.8	105.3	103.0	86.6	102.8	100.4	104.0	101.6	91.1
1977.....	98.6	101.3	103.3	103.2	105.2	102.8	86.1	101.9	99.7	104.1	102.1	91.5
1978.....	99.3	101.3	103.8	103.4	105.0	102.5	85.6	101.2	99.1	104.1	102.7	91.8
1979.....	99.7	101.5	104.0	103.7	104.8	102.4	85.3	100.9	98.8	104.0	103.1	91.9
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1980.....	99.9	101.6	104.1	103.8	104.7	102.3	85.2	100.7	98.7	103.9	103.3	91.9

Table 5. TOTAL COTTON STOCKS AT MILL AND WAREHOUSE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES--RUNNING BALES												
1974.....	6,486	6,265	6,100	5,892	5,674	5,575	5,527	5,601	5,635	5,841	5,890	6,241
1975.....	6,605	6,908	7,238	7,455	7,756	8,226	8,160	7,841	7,541	5,652	5,361	5,672
1976.....	5,561	5,588	5,708	5,765	5,795	5,666	5,407	5,109	4,464	4,330	5,112	5,522
1977.....	5,352	5,236	5,047	4,962	4,845	4,674	4,454	4,725	4,644	7,964	7,464	7,390
1978.....	7,359	7,385	7,286	7,331	7,440	7,731	7,757	7,765	8,411	7,119	5,280	5,856
1979.....	6,086	6,080	6,193	6,144	6,100	5,948	5,580	5,217	4,951	4,987	5,532	5,915
ORIGINAL SERIES--RUNNING BALES												
1974.....	9,301	8,201	7,070	5,969	4,959	4,131	3,543	3,232	2,953	5,257	7,692	9,449
1975.....	9,511	9,077	8,418	7,552	6,763	6,046	5,206	4,532	3,974	5,053	7,045	8,599
1976.....	8,008	7,348	6,638	5,834	5,036	4,125	3,444	2,963	2,366	3,854	6,799	8,366
1977.....	7,707	6,875	5,855	5,007	4,196	3,370	2,837	2,750	3,528	7,096	10,077	11,225
1978.....	10,575	9,674	8,415	7,368	6,413	5,520	4,926	4,527	4,466	6,329	7,234	8,962
1979.....	8,740	7,953	7,134	6,156	5,240	4,217	3,532	3,047	2,629	4,433	7,628	8,996
SEASONAL FACTORS--PERCENT												
1974.....	143.4	130.9	115.9	101.3	87.4	74.1	64.1	57.7	52.4	90.0	130.6	151.4
1975.....	144.0	131.4	116.3	101.3	87.2	73.5	63.8	57.8	52.7	89.4	131.4	151.6
1976.....	144.0	131.5	116.3	101.2	86.9	72.8	63.7	58.0	53.0	89.0	133.0	151.5
1977.....	144.0	131.3	116.0	100.9	86.6	72.1	63.7	58.2	53.1	89.1	135.0	151.9
1978.....	143.7	131.0	115.5	100.5	86.2	71.4	63.5	58.3	53.1	88.9	137.0	152.2
1979.....	143.6	130.8	115.2	100.2	85.9	70.9	63.3	58.4	53.1	88.9	137.9	152.1
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1980.....	141.6	130.7	115.0	100.1	85.8	70.7	63.2	58.4	53.1	89.0	138.3	152.0

Table 6. TOTAL MANMADE FIBER STAPLE STOCKS--COTTON SYSTEM

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES--THOUSAND POUNDS												
1974.....	213,431	209,935	208,744	204,497	199,395	202,606	218,421	222,554	212,866	201,702	186,277	179,855
1975.....	153,412	136,774	126,164	113,239	122,285	124,433	113,058	120,481	125,296	133,649	147,796	161,967
1976.....	156,970	151,661	147,732	144,379	140,025	139,354	137,660	139,339	144,082	144,564	144,110	151,677
1977.....	151,309	153,763	157,018	153,482	149,350	145,872	143,068	132,601	127,919	127,931	125,288	119,035
1978.....	117,905	119,100	122,362	114,057	117,803	111,187	109,859	113,578	112,568	110,994	113,229	116,515
1979.....	117,312	125,801	130,218	137,796	143,438	143,282	146,385	150,792	149,892	144,952	136,631	138,480
ORIGINAL SERIES--THOUSAND POUNDS												
1974.....	212,150	205,736	202,482	202,452	194,011	201,188	223,663	231,901	223,296	204,324	183,855	176,438
1975.....	153,412	135,269	122,631	112,560	118,616	123,189	115,206	124,095	130,934	134,451	145,875	159,052
1976.....	157,127	152,116	144,925	145,101	136,524	138,239	139,450	141,708	149,125	143,552	141,228	148,492
1977.....	151,612	156,531	155,919	156,552	146,811	144,997	144,069	133,927	131,501	125,372	121,529	115,940
1978.....	117,551	122,673	122,851	117,707	116,861	110,742	110,298	114,259	115,045	107,775	108,813	114,493
1979.....	116,755	130,456	131,781	143,032	143,008	142,709	147,129	151,546	152,890	140,169	130,619	133,772
SEASONAL FACTORS--PERCENT												
1974.....	99.4	98.0	97.0	99.0	97.3	99.3	102.4	104.2	104.9	101.3	98.7	98.1
1975.....	100.0	98.9	97.2	99.4	97.0	99.0	101.9	103.0	104.5	100.6	98.7	98.2
1976.....	100.1	100.3	98.1	100.5	97.5	99.2	101.3	101.7	103.5	99.3	98.0	97.9
1977.....	100.2	101.8	99.3	102.0	98.3	99.4	100.7	101.0	102.8	98.0	97.0	97.4
1978.....	99.7	103.0	100.4	103.2	99.2	99.6	100.4	100.6	102.2	97.1	96.1	96.9
1979.....	99.5	103.7	101.2	103.8	99.7	99.6	100.2	100.5	102.0	96.7	95.6	96.6
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1980.....	99.4	104.0	101.6	104.1	100.0	99.6	100.2	100.4	101.9	96.5	95.3	96.5

Table 7. COTTON SYSTEM, TOTAL SPINDLE HOURS, ALL FIBERS, DAILY AVERAGE

YEAR	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
SEASONALLY ADJUSTED SERIES--MILLIONS												
1974.....	450	459	456	430	438	428	438	403	390	363	336	300
1975.....	290	286	281	308	331	347	386	380	403	403	412	416
1976.....	429	421	422	417	413	409	405	399	390	395	385	394
1977.....	394	405	404	401	398	395	394	396	396	396	404	403
1978.....	402	408	393	403	390	393	387	388	391	388	393	397
1979.....	395	386	405	388	393	389	400	391	398	400	388	380
ORIGINAL SERIES--MILLIONS												
1974.....	455	468	467	439	457	444	372	416	391	378	341	272
1975.....	293	291	287	314	346	360	328	392	403	421	418	378
1976.....	435	428	431	426	432	422	344	410	388	413	390	360
1977.....	402	412	413	410	417	406	334	405	392	415	410	371
1978.....	412	416	403	413	408	402	327	395	385	406	399	371
1979.....	406	394	416	398	411	398	338	396	392	418	394	352
SEASONAL FACTORS--PERCENT												
1974.....	101.1	102.0	102.4	102.0	104.4	103.7	84.9	103.1	100.2	104.1	101.6	90.7
1975.....	101.0	101.7	102.2	102.0	104.5	103.7	84.9	103.2	99.9	104.4	101.4	90.9
1976.....	101.3	101.7	102.2	102.1	104.7	103.3	84.9	102.8	99.4	104.5	101.3	91.3
1977.....	102.0	101.8	102.3	102.3	104.7	102.9	84.7	102.3	98.9	104.7	101.4	92.0
1978.....	102.5	101.9	102.5	102.4	104.6	102.4	84.6	101.7	98.5	104.7	101.5	92.4
1979.....	102.8	102.1	102.6	102.6	104.5	102.2	84.5	101.4	98.4	104.6	101.6	92.6
SEASONAL FACTORS, ONE YEAR AHEAD--PERCENT												
1980.....	102.9	102.2	102.7	102.7	104.5	102.1	84.4	101.3	98.3	104.6	101.6	92.7

Table 8. AVERAGE PERCENTAGE CHANGES AND RELATED MEASURES FOR SERIES COMPONENTS

Item	Average percentage changes			Ratio of irregular component to cyclical component $(\frac{\bar{I}}{\bar{C}})$	Number of months for cyclical dominance  (MCD)	$\frac{\bar{I}}{\bar{C}}$ for MCD span	Average duration of run			
	Seasonally adjusted series	Irregular component	Cyclical component				CI	I	C	MCD
	$(\bar{CI})$	$(\bar{I})$	$(\bar{C})$							
COTTON SYSTEM ACTIVITY										
Cotton:										
Total cotton consumption (daily average):										
American upland cotton consumption.	2.08	1.61	1.02	1.57	2	0.74	2.27	1.39	6.81	3.16
Extra-long staple cotton consumption.....	5.64	5.24	1.66	3.16	4	0.88	1.81	1.64	7.53	3.18
Spindle hours (all fibers).....	1.82	1.38	1.01	1.37	2	0.62	1.74	1.43	6.81	3.09
Total cotton stocks at mills and public warehouses.....	5.12	3.99	2.52	1.58	3	0.79	3.25	1.74	5.50	4.70
Manmade fiber staple:										
Total manmade fiber staple consumption (daily average):										
Cellulosic fiber staple consumption	3.65	2.95	1.73	1.70	2	0.96	1.99	1.59	10.21	2.45
Noncellulosic fiber staple consumption.....	2.60	2.08	1.17	1.78	2	0.93	1.70	1.55	8.94	3.38
Total manmade fiber staple stocks at consuming establishments--cotton system.....	3.49	2.18	2.37	0.92	1	0.92	2.75	1.62	7.53	2.75

movements in a monthly series. It is small for smooth series and large for irregular series. In deriving MCD, percentage changes are computed separately for the irregular component and the cyclical component over 1-month spans. (Jan.-Feb., Feb.-Mar., etc.), 2-month spans (Jan.-Mar., Feb.-Apr., etc.), up to 12-month spans. Averages, without regard to sign, are then computed for the changes over each span. MCD is the shortest span in months for which the average percentage change (without regard to sign) in the cyclical component is larger than the average percentage change (without regard to sign) in their regular component, and remains so. Thus, it indicates the point at which fluctuations in the seasonally adjusted series became

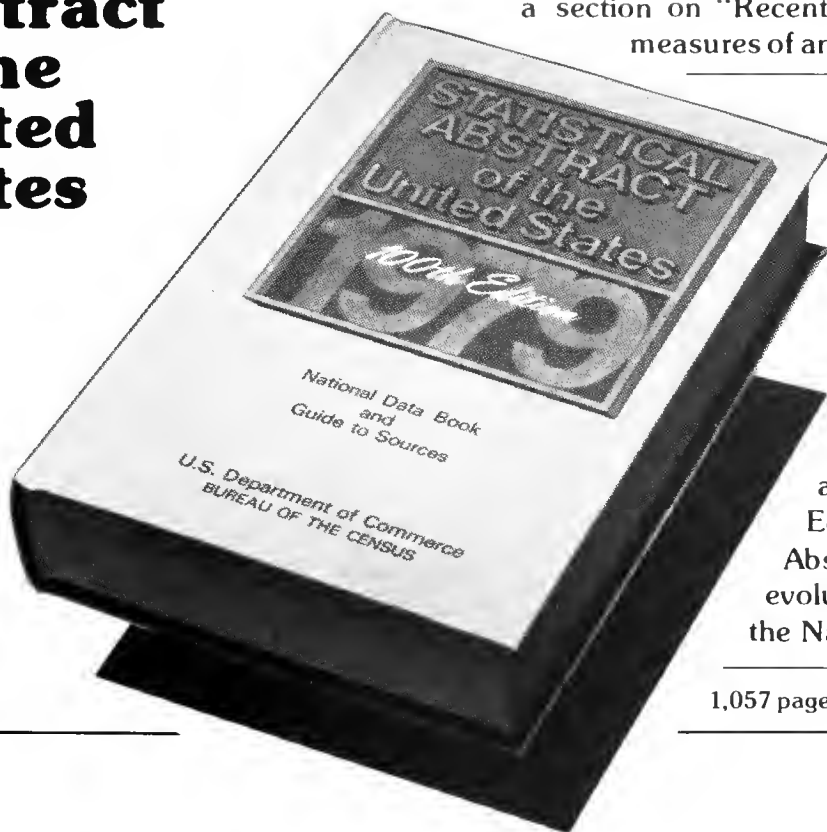
dominated by cyclical rather than irregular movements. A series with an MCD greater than "5" are shown as "6."

*Average Duration of Run (ADR)*—Another measure of smoothness and is equal to the average number of consecutive monthly changes in the same direction in any series of observations. When there is no change between 2 months, a change in the same direction as the preceding change is assumed. The ADR is shown for the seasonally adjusted series CI, irregular component I, cyclical component C, and the MCD curve. The MCD is an unweighted moving average (with the number of terms equal to MCD) of the seasonally adjusted series.

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3. 158:

# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

JANUARY 1980

M22P(80)-6  
Issued March 1980

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
January (5 weeks).....	23,755	23,447	258	8,243	1,293	6,950	5,963	134,813	393
1979									
December (4 weeks).....	23,756	23,523	233	7,598	1,174	6,424	5,842	132,842	383
November (4 weeks).....	23,587	23,362	225	7,748	1,233	6,515	5,761	132,474	390
October (5 weeks).....	24,240	24,013	227	7,911	1,244	6,662	4,970	142,593	401
September (4 weeks).....	24,441	24,188	253	7,721	1,189	6,532	4,842	150,187	396
August (4 weeks).....	23,107	22,864	243	7,412	1,176	6,236	5,336	152,768	385
July (5 weeks).....	22,911	22,658	253	7,612	1,262	6,350	5,615	148,316	398
June (4 weeks).....	23,803	23,518	285	7,435	1,254	6,181	5,873	145,024	386
May (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,034	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,604	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,655	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room Feb. 29, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7807.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil )
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
January (5 weeks).....	24,124	23,873	251	8,138	1,292	6,846	8,611	142,609	400
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,020	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,454	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,134	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	417
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	402
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	410
January (4 weeks).....	24,629	24,359	270	7,899	1,632	6,267	10,575	117,551	417

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays<sup>2</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.<sup>3</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 and over

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
January (5 weeks).....	67	61	330
1979			
December (4 weeks).....	67	55	305
November (4 weeks).....	66	58	309
October (5 weeks).....	68	59	316
September (4 weeks).....	69	56	310
August (4 weeks).....	65	55	296
July (5 weeks).....	65	59	301
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	(DEC. 30, 1979 TO FEB. 2)		(DEC. 2, TO DEC. 27)		(DEC. 31, TO FEB. 3)	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	603,097	299,962	436,264	216,003	602,857	301,324
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	600,466	298,649	434,264	214,964	599,785	299,796
ALABAMA . . . . .	71,580	35,641	58,409	28,643	74,347	37,175
GEORGIA . . . . .	111,732	55,654	81,179	40,007	109,301	54,691
NORTH CAROLINA . . . . .	212,501	105,455	150,587	74,588	211,301	105,436
SOUTH CAROLINA . . . . .	157,656	78,485	100,550	54,632	153,964	76,970
TENNESSEE . . . . .	12,417	5,992	8,993	4,342	11,789	5,830
TEXAS . . . . .	5,271	2,649	4,060	1,986	6,051	3,114
VIRGINIA . . . . .	15,844	7,930	12,230	6,098	19,800	9,913
OTHER STATES. . . . .	13,465	6,843	9,174	4,668	13,232	6,667
NEW ENGLAND. . . . .	2,314	1,152	1,851	922	2,709	1,339
REST OF UNITED STATES. . . . .	317	161	231	117	363	189
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	596,830	296,836	432,367	214,061	595,924	297,872
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	26,263	12,934	21,536	10,625	31,811	15,788
1 INCH AND 1-1/32 INCH STAPLES. . . . .	162,381	81,027	116,929	57,367	158,219	79,117
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	357,903	178,031	260,397	129,424	358,890	179,545
STAPLES LONGER THAN 1-3/32 INCH . . . . .	36,868	18,182	24,803	12,246	29,875	14,902
STAPLES NOT SPECIFIED BY KIND . . . . .	13,215	6,662	18,702	4,399	17,129	8,520
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	6,073	3,034	3,758	1,877	6,617	3,285
FOREIGN COTTON, TOTAL. . . . .	194	92	139	65	316	167
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	194	92	139	65	316	167
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	203,448	(X)	138,378	(X)	191,752
RAYON AND ACETATE . . . . .	(X)	32,288	(X)	21,456	(X)	36,445
NYLON . . . . .	(X)	13,288	(X)	10,386	(X)	11,790
ACRYLIC AND MODACRYLIC. . . . .	(X)	18,143	(X)	11,633	(X)	14,364
POLYESTER . . . . .	(X)	138,015	(X)	93,697	(X)	127,792
OTHER MANMADE FIBER . . . . .	(X)	1,514	(X)	1,206	(X)	1,361

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for January 1980; 20 for December 1979 and 25 for January 1979.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for January 1980; 20,808 for December 1979 and 34,250 for January 1979.

COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMER ESTABLISHMENTS  
QUANTITY IN THOUSANDS OF POUNDS

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 2, 1955		DECEMBER 29, 1973		FEBRUARY 3, 1974	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	897,356	447,410	833,427	413,934	1,049,867	524,720
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	887,917	442,708	825,213	409,880	1,044,681	522,122
ALABAMA . . . . .	139,752	69,530	124,894	62,103	127,042	63,461
CALIFORNIA . . . . .	117,734	58,915	110,513	55,372	129,208	64,738
GEORGIA . . . . .	266,543	133,356	250,002	124,273	350,771	175,627
NORTH CAROLINA . . . . .	277,978	138,707	255,226	127,043	343,279	171,734
SOUTH CAROLINA . . . . .	48,480	23,465	48,168	23,238	53,750	26,166
TENNESSEE . . . . .	9,531	4,750	7,203	3,555	12,309	6,180
TEXAS . . . . .	19,425	9,703	19,497	9,412	19,412	9,706
VIRGINIA . . . . .	8,474	4,282	79,710	34,884	8,910	4,510
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	9,012	4,497	77,781	33,849	4,723	2,361
REST OF UNITED STATES . . . . .	427	205	433	205	463	237
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	882,555	440,088	821,622	408,136	1,036,781	518,198
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	13,441	6,663	10,406	5,173	12,288	6,087
FOREIGN COTTON, TOTAL . . . . .	1,360	659	1,399	625	798	435
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	1,360	659	1,399	625	798	435
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .						
MANMADE FIBER STAPLE (1) . . . . .	(X)	142,609	(X)	133,772	(X)	116,755
RAYON AND ACETATE . . . . .	(X)	23,456	(X)	22,343	(X)	24,929
NYLON . . . . .	(X)	10,101	(X)	11,559	(X)	8,485
ACRYLIC AND MODACRYLIC . . . . .	(X)	12,084	(X)	12,956	(X)	12,060
POLYESTER . . . . .	(X)	79,121	(X)	85,958	(X)	70,609
OTHER MANMADE FIBER . . . . .	(X)	847	(X)	956	(X)	672

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>F</sup>Revised by 5 percent or more from previously published figures.      X Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 2, 1980	DECEMBER 21, 1979	FEB. 3, 1979
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	7,714,051	8,162,806	7,690,180
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	7,713,924	8,162,673	7,690,037
ALABAMA . . . . .	204,127	224,831	242,054
ARIZONA . . . . .	495,896	509,354	506,658
ARKANSAS . . . . .	271,915	337,153	420,993
CALIFORNIA . . . . .	1,450,098	1,530,052	1,095,326
GEORGIA . . . . .	162,198	179,811	206,492
LOUISIANA . . . . .	398,100	496,803	372,823
MISSISSIPPI . . . . .	634,880	785,233	828,358
MISSOURI . . . . .	70,409	97,283	134,591
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	114,535	101,182	125,629
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	188,587	185,166	272,982
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	3,205,284	3,178,654	2,853,747
VIRGINIA . . . . .	-	-	-
OTHER STATES. . . . .	517,895	537,151	630,384
NEW ENGLAND . . . . .			
REST OF UNITED STATES. . . . .	127	133	143
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	7,636,989	8,087,593	7,602,190
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	72,404	72,776	85,211
FOREIGN COTTON, TOTAL (2) . . . . .	4,658	2,437	2,779
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. <sup>†</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on February 2, 1980, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JANUARY 1980 (DEC. 30, 1979 TO FEB. 2)	DECEMBER 1979 (DEC. 2 TO DEC. 29)	JANUARY 1979 (DEC. 31 TO FEB. 3)
CONSUMPTION, TOTAL . . . . .	RUN.BALES	85,406	70,438	91,465
BLEACHERS:- RUNNING BALES . . . . .	DO	69,211	59,143	70,470
GROSS WEIGHT. . . . .	M. LBS.	43,415	36,753	43,734
OTHER CONSUMERS . . . . .	RUN.BALES	16,195	11,295	20,995
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,015	2,789	3,924
ALL OTHER STATES . . . . .	DO	12,180	8,506	17,071
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN.BALES	219,616	191,974	292,488
BLEACHERS:- RUNNING BALES . . . . .	DO	107,049	81,768	167,234
GROSS WEIGHT. . . . .	M. LBS.	64,493	50,145	103,768
OTHER CONSUMERS . . . . .	RUN.BALES	28,661	29,525	30,627
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,125	4,357	4,224
ALL OTHER STATES . . . . .	DO	24,536	25,168	26,403
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	3,994	3,691	4,984
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,994	3,691	4,984
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	79,912	76,990	89,643

<sup>†</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 1. Summary of the data for the 1990-1991 season, by region and sex.

(in thousands)

Region	Sex	Number of cases	Number of deaths	Number of hospitalizations	Number of days of hospitalization
North America	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
Europe	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
Asia	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
Africa	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
Oceania	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151
	Male	1,151	1,151	1,151	1,151
	Female	1,151	1,151	1,151	1,151

1. Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JANUARY 1980 (DEC. 30, 1979 TO FEB. 2)				
UNITED STATES, TOTAL . . . . .	10,004	4,033	1,382	4,589
COTTON GROWING STATES . . . . .	9,966	4,023	1,358	4,585
ALABAMA . . . . .	947	462	92	393
GEORGIA . . . . .	1,116	578	74	464
NORTH CAROLINA . . . . .	3,460	1,668	527	1,265
SOUTH CAROLINA . . . . .	3,725	970	624	2,131
TENNESSEE . . . . .	279	182	(D)	(D)
TEXAS . . . . .	68	9	(D)	(D)
VIRGINIA . . . . .	255	71	(D)	(D)
OTHER STATES . . . . .	116	83	-	33
NEW ENGLAND . . . . .	38	10	24	4
REST OF UNITED STATES . . . . .				
DECEMBER 1979 (DEC. 2 TO DEC. 23)				
UNITED STATES, TOTAL . . . . .	7,039	2,909	918	3,212
COTTON GROWING STATES . . . . .	7,011	2,900	901	3,210
ALABAMA . . . . .	748	380	66	302
GEORGIA . . . . .	800	433	53	314
NORTH CAROLINA . . . . .	2,328	1,141	326	861
SOUTH CAROLINA . . . . .	2,596	700	433	1,463
TENNESSEE . . . . .	190	127	(D)	(D)
TEXAS . . . . .	49	6	(D)	(D)
VIRGINIA . . . . .	218	55	(D)	(D)
OTHER STATES . . . . .	82	58	-	24
NEW ENGLAND . . . . .	28	9	17	2
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
5 percent or more from previously published figures.

Revised by

TABLE 6. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JANUARY 1980 (DEC. 30, 1979 TO FEB. 2)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	603,097	431,254	129,991	41,852
STOCKS (2). . . . .	BALES	897,356	627,031	200,874	69,451
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	203,448	126,245	45,726	31,477
STOCKS. . . . .	M LBS	142,609	81,403	34,901	26,305
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	32,288	17,948	8,686	5,654
STOCKS . . . . .	M LBS	23,456	10,806	8,057	4,593
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	171,160	108,297	37,040	25,823
STOCKS . . . . .	M LBS	119,153	70,597	26,844	21,712
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,352	11,975	3,940	1,437
ACTIVE SPINDLE. . . . .	THOUSANDS	16,338	11,285	3,714	1,339
HOURS OPERATED. . . . .	MILLIONS	10,004	6,816	2,329	859
DECEMBER 1979 (DEC. 2 TO DEC. 23)					
DOMESTIC AND FOREIGN COTTON: (1)					
CONSUMPTION (2) . . . . .	BALES	436,264	318,365	89,281	28,618
STOCKS (2). . . . .	BALES	833,427	580,223	184,650	68,554
MANMADE FIBER STAPLE: (1,3)					
CONSUMPTION . . . . .	M LBS	138,378	86,605	30,072	21,701
STOCKS. . . . .	M LBS	133,772	75,281	34,629	23,862
CELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	21,456	12,931	4,714	3,811
STOCKS . . . . .	M LBS	22,343	10,845	7,794	3,704
NONCELLULOSIC: (1)					
CONSUMPTION. . . . .	M LBS	116,922	73,674	25,358	17,890
STOCKS . . . . .	M LBS	111,429	64,436	26,835	20,158
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,305	11,969	3,937	1,399
ACTIVE SPINDLE. . . . .	THOUSANDS	16,249	11,232	3,714	1,303
HOURS OPERATED. . . . .	MILLIONS	7,039	4,864	1,611	564

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for January 1980 and 20 for December 1979.<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton; thousand pounds for linters and staple)

Country to which exported	December 1979	November 1979	Cotton season 5 months through December 1979
COTTON			
Total.....	902,393	629,746	2,812,980
Canada.....	19,103	21,413	107,506
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	35,857	12,989	83,313
Republic of Philippines.....	4,870	5,484	35,658
Republic of Korea.....	114,832	99,388	501,558
China-Taiwan.....	28,836	36,898	163,186
Japan.....	131,872	149,524	511,702
Other countries.....	567,023	304,050	1,410,057
LINTERS			
Total.....	25,409	23,669	100,120
Canada.....	4,768	7,849	24,736
Mexico.....	222	411	1,112
United Kingdom.....	134	202	841
Federal Republic of Germany.....	6,799	4,228	24,705
Japan.....	12,098	8,302	37,962
Other countries.....	1,388	2,677	10,764
MANMADE FIBER STAPLE AND TOW			
Total.....	65,368	66,305	368,459
Canada.....	7,984	8,045	42,505
Brazil.....	125	200	2,257
United Kingdom.....	2,277	2,792	13,676
Netherlands.....	1,549	544	4,691
Belgium.....	2,734	2,970	16,117
Federal Republic of Germany.....	2,081	1,185	8,380
Switzerland.....	97	200	652
U.S.S.R.....	-	221	819
Hong Kong.....	2,912	4,532	17,718
Japan.....	1,248	769	9,191
Australia.....	1,648	1,899	11,351
Other countries.....	42,713	42,948	241,102

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242; 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	December 1979	November 1979	Cotton season 5 months through December 1979
COTTON			
Total.....	-	217	2,148
Mexico.....	-	195	2,103
Peru.....	-	22	44
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	1
LINTERS			
Total.....	4,110	3,539	16,957
Mexico.....	1,176	2,788	10,172
Brazil.....	2,572	180	3,794
Other countries.....	362	571	2,991
MANMADE FIBER STAPLE AND TOW			
Total.....	941	2,160	9,056
Canada.....	142	225	906
United Kingdom.....	-	46	236
France.....	-	-	87
Federal Republic of Germany.....	316	677	3,454
Austria.....	131	61	443
Switzerland.....	-	-	-
Italy.....	32	-	252
Japan.....	179	326	1,445
Other countries.....	141	825	2,233

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	86.5	83.8	84.6
Stock, August 1.....	21.4	24.0	20.7
Production.....	65.1	59.8	63.9
Distribution.....	86.3	84.2	85.3
Consumption.....	64.0	62.8	61.3
Stocks, July 31.....	22.3	21.4	24.0
Difference <sup>1</sup> .....	-0.2	+0.4	+0.7

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

# **CONTACTS FOR DATA USERS**

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Richard Hanks	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
T-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
T-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Maria Brown	(301) 763-5511



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## CURRENT INDUSTRIAL REPORTS

Consumption on the  
Cotton System

FEBRUARY 1980

U.S. Department of Commerce  
BUREAU OF THE CENSUSM22P(80)-7  
Issued April 1980

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTHS STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>2</sup> (running bales)	Long staple <sup>3</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
February (4 weeks).....	24,354	24,114	240	8,154	1,312	6,842	5,744	138,849	426
February (5 weeks).....	23,791	23,529	262	8,272	1,309	6,963	5,983	133,406	395
1979									
December (4 weeks).....	23,756	23,523	233	7,598	1,174	6,424	5,842	132,842	383
December (4 weeks).....	23,587	23,362	225	7,748	1,233	6,515	5,761	132,474	390
December (5 weeks).....	24,240	24,013	227	7,911	1,249	6,662	4,970	142,593	401
December (4 weeks).....	24,441	24,188	253	7,721	1,189	6,532	4,842	150,187	396
August (4 weeks).....	23,107	22,864	243	7,412	1,176	6,236	5,336	152,768	385
August (5 weeks).....	22,911	22,658	253	7,612	1,262	6,350	5,615	148,316	398
August (4 weeks).....	23,803	23,518	285	7,435	1,254	6,181	5,873	145,029	386
August (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
April (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
February (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
December (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
December (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
December (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
August (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
August (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
August (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
April (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
February (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room March 26, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

Daily average is based on a 5-day week with no adjustment for holidays.

Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton staple length 1-1/8 inch and over.

For more information concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call (202) 763-7807.

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Table IB. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption						Stocks		Daily average spindle hours operated, total <sup>3</sup> (mil )
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland <sup>1</sup> (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
February (4 weeks)	25,309	25,054	255	8,258	1,313	6,945	7,571	142,737	436
January (5 weeks)	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (4 weeks)	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (4 weeks)	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks)	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks)	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks)	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks)	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks)	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks)	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks)	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks)	25,306	25,020	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks)	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks)	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks)	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks)	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks)	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks)	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks)	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks)	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks)	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks)	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks)	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks)	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks)	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416

<sup>1</sup>Upland cotton consumption includes American upland, Indian, Mexican, and other foreign cotton of staple length under 1-1/8 inch.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and other foreign cotton of staple length 1-1/8 inch and over.

<sup>3</sup>Daily average is based on a 5-day week with no adjustments for holidays.

Table IC. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
February (4 weeks)	69	62	124
January (5 weeks)	67	62	130
1979			
December (4 weeks)	67	55	305
November (4 weeks)	66	58	309
October (5 weeks)	68	59	316
September (4 weeks)	69	56	310
August (4 weeks)	65	55	296
July (5 weeks)	65	59	301
June (4 weeks)	67	59	293
May (4 weeks)	66	55	296
April (5 weeks)	65	63	288
March (4 weeks)	69	63	299
February (4 weeks)	64	61	288
January (5 weeks)	67	69	299

<sup>1</sup>Revised.



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 1980		JANUARY 1980		FEBRUARY 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	506,174	252,736	603,995	300,640	471,347	235,276
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	504,042	251,909	601,295	299,309	469,002	234,106
ALABAMA . . . . .	66,578	33,271	71,005	35,374	61,765	30,829
GEORGIA . . . . .	91,656	46,582	111,502	55,534	87,226	43,441
NORTH CAROLINA . . . . .	178,671	89,046	213,247	105,916	160,993	80,100
SOUTH CAROLINA . . . . .	127,707	63,209	158,350	78,957	118,991	59,673
TENNESSEE . . . . .	10,034	4,860	12,652	6,119	8,953	4,413
TEXAS . . . . .	4,479	2,286	5,271	2,650	5,382	2,720
VIRGINIA . . . . .	13,408	6,755	15,844	7,930	15,178	7,540
OTHER STATES. . . . .	11,509	5,900	13,424	6,829	10,514	5,340
NEW ENGLAND. . . . .	1,891	942	2,347	1,168	2,081	1,037
REST OF UNITED STATES. . . . .	218	111	322	163	264	133
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	501,078	250,202	597,632	297,473	466,385	232,812
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	20,263	9,967	26,761	13,170	23,768	11,829
1 INCH AND 1-1/32 INCH STAPLES. . . . .	134,992	67,187	161,844	81,237	126,907	63,323
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	302,591	152,192	358,889	178,560	280,501	139,913
STAPLES LONGER THAN 1-3/32 INCH . . . . .	30,213	15,085	37,109	18,294	23,686	11,871
STAPLES NOT SPECIFIED BY KIND . . . . .	13,019	5,771	13,029	6,212	11,523	5,876
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,946	2,463	6,163	3,073	4,731	2,345
FOREIGN COTTON, TOTAL. . . . .	150	71	200	94	<sup>r</sup> 231	<sup>r</sup> 119
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	150	71	200	94	<sup>r</sup> 231	<sup>r</sup> 119
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	165,161	(X)	204,188	(X)	149,182
RAYON AND ACETATE . . . . .	(X)	26,263	(X)	32,707	(X)	25,894
NYLON . . . . .	(X)	9,173	(X)	13,294	(X)	<sup>r</sup> 9,170
ACRYLIC AND MODACRYLIC. . . . .	(X)	16,644	(X)	18,585	(X)	12,636
POLYESTER . . . . .	(X)	111,686	(X)	138,033	(X)	100,429
OTHER MANMADE FIBER . . . . .	(X)	1,395	(X)	1,569	(X)	1,053

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds

<sup>r</sup> Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup> Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for February and 25 for January.

<sup>2</sup> Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for February 1980; 30,358 for January 1980; and 25,841 for February 1979.

TABLE 1. COTTON AND MANMADE FIBER STOCK - HELD BY CONSUMER ESTABLISHMENTS  
 QUANTITY IN THOUSANDS OF POUNDS

AREA, STATE, AND TYPE OF MATERIAL	FEBRUARY 1967		JANUARY 1968		FEBRUARY 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	494,235	494,114	900,074	448,633	1,069,612	534,619
BY AREA AND STATES:						
COTTON-GROWING STATES . . . . .	483,048	483,627	891,393	444,321	1,064,121	531,881
ALABAMA . . . . .	102,466	73,457	139,571	64,468	127,823	63,771
CALIFORNIA . . . . .	116,476	58,493	115,314	57,644	137,238	68,457
GEORGIA . . . . .	316,717	156,366	264,471	132,316	356,961	178,028
NORTH CAROLINA . . . . .	307,488	154,443	286,764	143,026	351,008	176,478
SOUTH CAROLINA . . . . .	46,438	22,720	47,913	23,163	49,061	23,578
TENNESSEE . . . . .	4,741	4,532	4,531	4,750	10,120	5,086
TEXAS . . . . .	21,214	10,632	14,425	4,703	19,877	9,916
VIRGINIA . . . . .	4,501	4,832	6,499	4,451	12,033	6,067
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	6,521	4,454	6,237	4,100	4,981	2,477
REST OF UNITED STATES . . . . .	443	212	444	212	510	261
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	473,060	473,764	885,924	441,665	1,053,068	526,427
AMERICAN-PIMA, SEA ISLAND, AND OTHER . . . . .	16,664	8,347	12,794	6,333	15,645	7,731
DOMESTIC COTTON . . . . .	489,724	482,111	898,718	447,998	1,069,666	534,158
FOREIGN COTTON, TOTAL . . . . .	10,511	1,468	1,351	633	899	461
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	9,101	1,468	1,351	633	899	461
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	1,410					
MANMADE FIBER STAPLE (1) . . . . .		142,737	(X)	136,074	(X)	130,456
RAYON AND ACETATE . . . . .		23,302	(X)	23,131	(X)	26,695
NYLON . . . . .		4,530	(X)	10,092	(X)	8,879
ACRYLIC AND MODACRYLIC . . . . .		12,328	(X)	12,083	(X)	13,190
POLYESTER . . . . .		45,638	(X)	89,864	(X)	81,088
OTHER MANMADE FIBER . . . . .		739	(X)	904	(X)	604

Notes: Cotton - bales - are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

Revised by 5 percent or more from previously published figures. (X) - not applicable.

Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS. EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	MARCH 1, 1980	FEB. 2, 1980	MARCH 2, 1979
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	6,576,438	7,739,026	6,883,566
BY AREA AND STATE:			
COTTON-GROWING STATES . . . . .	6,576,326	7,738,899	6,883,425
ALABAMA . . . . .	184,369	203,000	203,480
ARIZONA . . . . .	411,819	495,896	451,098
ARKANSAS . . . . .	235,388	271,415	346,056
CALIFORNIA . . . . .	1,299,250	1,650,098	170,706
GEORGIA . . . . .	144,891	161,247	188,185
LOUISIANA . . . . .	389,483	398,100	302,807
MISSISSIPPI . . . . .	486,418	634,880	688,631
MISSOURI . . . . .	50,355	70,409	118,345
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	127,166	117,323	130,134
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	220,538	188,850	259,588
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	2,702,853	3,227,286	2,656,946
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	423,698	517,895	567,379
NEW ENGLAND . . . . .			
REST OF UNITED STATES . . . . .	112	127	131
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	6,513,897	7,662,931	6,794,404
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	56,874	71,417	86,056
FOREIGN COTTON, TOTAL (2) . . . . .	5,667	4,658	2,596
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on February 2, 1980, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	FEBRUARY 1980	JANUARY 1980	FEBRUARY 1979
CONSUMPTION, TOTAL . . . . .	RUN. BALES	70,641	85,190	82,062
BLEACHERS:- RUNNING BALES . . . . .	DO	56,996	69,333	64,722
GROSS WEIGHT . . . . .	M. LBS.	35,035	43,500	40,346
OTHER CONSUMERS . . . . .	RUN. BALES	13,645	15,857	17,340
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,429	3,994	3,098
ALL OTHER STATES . . . . .	DO	10,216	11,863	14,242
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	235,402	221,343	294,325
BLEACHERS:- RUNNING BALES . . . . .	DO	121,915	107,049	170,709
GROSS WEIGHT . . . . .	M. LBS.	74,205	64,493	106,879
OTHER CONSUMERS . . . . .	RUN. BALES	25,967	29,813	29,110
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,619	4,144	4,038
ALL OTHER STATES . . . . .	DO	22,348	25,669	25,072
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	5,962	3,994	5,172
PACIFIC AND MOUNTAIN STATES . . . . .	DO	5,962	3,994	5,172
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	81,558	80,487	89,334

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE B. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
TOTAL SPINDLES January 1947				
UNITED STATES, TOTAL . . . . .	17,322	6,643	2,236	685
COTTON-GROWING STATES . . . . .	17,051	6,349	2,193	7,670
ALABAMA . . . . .	1,700	773	146	743
GEORGIA . . . . .	1,980	925	136	838
NORTH CAROLINA . . . . .	5,842	2,561	861	2,113
SOUTH CAROLINA . . . . .	6,250	1,505	973	3,405
TENNESSEE . . . . .	419	244	(D)	78
TEXAS . . . . .	157	26	28	(D)
VIRGINIA . . . . .	521	141	(D)	(D)
OTHER STATES . . . . .	181	124	-	52
NEW ENGLAND . . . . .	272	45	43	15
REST OF UNITED STATES . . . . .				
ACTIVE SPINDLES January 1947				
UNITED STATES, TOTAL . . . . .	17,465	6,414	2,263	7,702
COTTON-GROWING STATES . . . . .	17,093	6,377	2,220	7,685
ALABAMA . . . . .	1,700	767	147	742
GEORGIA . . . . .	2,039	961	137	849
NORTH CAROLINA . . . . .	5,862	2,558	872	2,121
SOUTH CAROLINA . . . . .	6,217	1,503	990	3,398
TENNESSEE . . . . .	416	248	(D)	76
TEXAS . . . . .	157	26	29	(D)
VIRGINIA . . . . .	521	141	(D)	(D)
OTHER STATES . . . . .	181	123	-	54
NEW ENGLAND . . . . .	272	42	43	17
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. Revised by 5 percent or more from previously published figures.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
FEBRUARY 1930				
UNITED STATES, TOTAL . . . . .	8,722	3,412	1,432	3,858
COTTON GROWING STATES . . . . .	8,693	3,404	1,434	3,855
ALABAMA . . . . .	825	428	71	326
GEORGIA . . . . .	925	476	66	363
NORTH CAROLINA . . . . .	2,902	1,428	418	1,056
SOUTH CAROLINA . . . . .	3,447	788	842	1,817
TENNESSEE . . . . .	238	153	(D)	(D)
TEXAS . . . . .	54	8	(D)	(D)
VIRGINIA . . . . .	214	60	(D)	(D)
OTHER STATES . . . . .	88	63	-	25
NEW ENGLAND . . . . .	30	8	19	3
REST OF UNITED STATES . . . . .				
JANUARY 1930				
UNITED STATES, TOTAL . . . . .	10,047	4,057	1,376	64,614
COTTON GROWING STATES . . . . .	10,009	4,047	1,352	4,610
ALABAMA . . . . .	940	459	91	390
GEORGIA . . . . .	1,106	574	73	459
NORTH CAROLINA . . . . .	3,524	1,695	531	1,298
SOUTH CAROLINA . . . . .	3,719	976	609	2,134
TENNESSEE . . . . .	288	184	(D)	(D)
TEXAS . . . . .	69	10	(D)	(D)
VIRGINIA . . . . .	255	71	(D)	(D)
OTHER STATES . . . . .	108	78	-	30
NEW ENGLAND . . . . .	38	10	24	4
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

TABLE 6. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUS- TRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JANUARY 1957					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION . . . . .	BALES	506,174	360,787	110,681	34,706
STOCKS . . . . .	BALES	994,235	692,823	230,281	71,131
MANMADE FIBER STAPLE: (					
CONSUMPTION . . . . .	M LBS	165,161	103,953	35,500	25,708
STOCKS . . . . .	M LBS	142,737	80,569	35,121	27,047
CELLULOSE:					
CONSUMPTION . . . . .	M LBS	26,263	15,130	6,663	4,470
STOCKS . . . . .	M LBS	23,302	11,336	7,280	4,686
NONCELLULOSE:					
CONSUMPTION . . . . .	M LBS	136,898	38,823	28,837	21,238
STOCKS . . . . .	M LBS	119,435	69,233	27,841	22,361
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,332	11,987	3,943	1,402
ACTIVE SPINDLE . . . . .	THOUSANDS	16,316	11,257	3,708	1,351
HOURS OPERATED . . . . .	MILLIONS	3,722	6,005	1,984	733
JANUARY 1958					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION . . . . .	BALES	603,995	430,916	131,606	41,473
STOCKS . . . . .	BALES	900,074	633,367	198,273	68,434
MANMADE FIBER STAPLE: (					
CONSUMPTION . . . . .	M LBS	204,188	126,423	45,918	31,847
STOCKS . . . . .	M LBS	136,074	76,179	34,077	25,818
CELLULOSE:					
CONSUMPTION . . . . .	M LBS	32,707	18,355	8,668	5,684
STOCKS . . . . .	M LBS	23,131	11,205	7,417	4,509
NONCELLULOSE:					
CONSUMPTION . . . . .	M LBS	171,481	108,068	37,250	26,163
STOCKS . . . . .	M LBS	112,943	64,964	26,660	21,309
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,365	11,984	3,945	1,436
ACTIVE SPINDLE . . . . .	THOUSANDS	16,392	11,331	3,747	1,314
HOURS OPERATED . . . . .	MILLIONS	10,055	6,833	2,363	859

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represent consumption in mills with cotton system spindles.



Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	January 1980	December 1979	Cotton season 6 months through January 1980
<b>COTTON</b>			
Total...	-	-	2,148
Mexico...	-	-	2,103
Peru...	-	-	44
Brazil...	-	-	-
India...	-	-	-
Egypt...	-	-	-
Sudan...	-	-	-
Other countries...	-	-	1
<b>LINTERS</b>			
Total...	13,720	4,110	30,677
Mexico...	3,546	1,176	13,718
Brazil...	9,186	2,572	12,980
Other countries...	988	362	3,979
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total...	2,060	941	11,119
Canada...	68	142	974
United Kingdom...	17	-	253
France...	2	-	89
Federal Republic of Germany...	1,031	316	4,485
Austria...	20	131	463
Switzerland...	-	-	-
Italy...	22	32	274
Japan...	339	179	1,781
Other countries...	567	141	2,800

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(In million bales of 480 lb. net)

Item	1979 '80 forecast	1978 '79 preliminary	1977 '78
Supply...	86.5	83.8	84.6
Stock, August 1...	21.4	24.0	20.7
Production...	65.1	59.8	63.9
Distribution...	86.3	84.2	85.3
Consumption...	64.0	62.8	61.3
Stocks, July 31...	22.3	21.4	24.0
Difference <sup>1</sup> ...	-0.2	+0.4	+0.7

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1979

Month	Number of weeks in period	Period covered
January	5	December 31, 1978 - February 3
February	4	February 4 - March 3
March	4	March 4 - March 31
April	5	April 1 - May 5
May	4	May 6 - June 2
June	4	June 3 - June 30
July	5	July 1 - August 4
August	4	August 5 - September 1
September	4	September 2 - September 29
October	5	September 30 - November 3
November	4	November 4 - December 1
December	4	December 2 - December 29

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year of locality of growth. These figures include cotton and raw linters as follows: On

hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities, which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c. i. f. (cost, insurance, and freight), duty, and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$251 effective October 1969 and for shipments valued under \$100 prior to October 1969. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

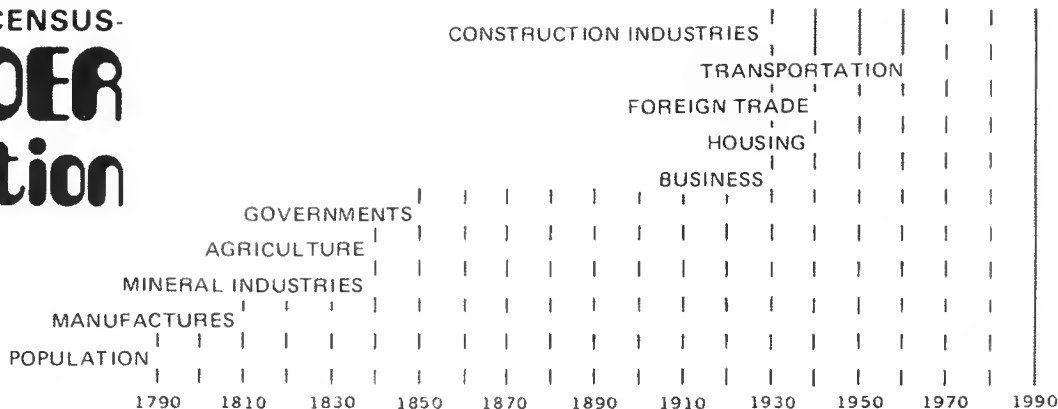
The Bureau of the Census also publishes reports on other related products as follows:

#### CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Richard Hanks	(301) 763-7807
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Maria Brown	(301) 763-5511



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# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

MARCH 1980

M22P(80)-8  
Issued May 1980

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellul-losic (1,000 pounds)	Noncellu-losic (1,000 pounds)			
1980									
March (4 weeks).....	24,847	24,580	267	8,073	1,305	6,768	5,494	142,262	420
February (4 weeks).....	24,397	24,145	252	8,095	1,294	6,801	5,726	140,089	426
January (5 weeks).....	23,791	23,529	262	8,272	1,309	6,963	5,983	133,406	395
1979									
December (4 weeks).....	23,756	23,523	233	7,598	1,174	6,424	5,842	132,842	383
November (4 weeks).....	23,587	23,362	225	7,748	1,233	6,515	5,761	132,474	390
October (5 weeks).....	24,240	24,013	227	7,911	1,249	6,662	4,970	142,593	401
September (4 weeks).....	24,441	24,188	253	7,721	1,189	6,532	4,842	150,187	396
August (4 weeks).....	23,107	22,864	243	7,412	1,176	6,236	5,336	152,768	385
July (5 weeks).....	22,911	22,658	253	7,612	1,262	6,350	5,615	148,316	398
June (4 weeks).....	23,803	23,518	285	7,435	1,254	6,181	5,873	145,029	386
May (4 weeks).....	23,515	23,265	250	7,407	1,163	6,244	6,086	146,525	393
April (5 weeks).....	23,127	22,913	214	7,398	1,331	6,067	6,119	140,780	389
March (4 weeks).....	24,325	24,058	267	7,647	1,333	6,314	6,166	132,667	407
February (4 weeks).....	22,677	22,444	233	7,367	1,294	6,073	6,034	126,903	385
January (5 weeks).....	23,747	23,462	285	7,766	1,459	6,307	6,053	114,466	399
1978									
December (4 weeks).....	23,672	23,439	233	7,523	1,305	6,218	5,788	112,118	399
November (5 weeks).....	23,304	23,039	265	7,637	1,275	6,362	5,464	110,358	395
October (4 weeks).....	23,184	22,950	234	7,609	1,368	6,241	7,095	109,639	389
September (5 weeks).....	23,087	22,844	243	7,562	1,362	6,200	8,225	113,011	389
August (4 weeks).....	22,446	22,196	250	7,330	1,330	6,000	7,928	115,180	384
July (4 weeks).....	21,821	21,560	261	7,318	1,334	5,984	7,831	111,188	385
June (5 weeks).....	22,373	22,107	266	7,467	1,338	6,129	7,688	112,543	390
May (4 weeks).....	23,495	23,249	246	7,453	1,283	6,170	7,448	119,735	390
April (4 weeks).....	23,971	23,732	239	7,937	1,421	6,516	7,324	115,853	403
March (5 weeks).....	23,829	23,577	252	7,843	1,537	6,306	7,273	123,593	395
February (4 weeks).....	24,096	23,834	262	8,365	1,635	6,730	7,340	119,332	407
January (4 weeks).....	24,252	23,975	277	7,996	1,634	6,362	7,323	115,246	405

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room April 24, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellu-losic (1,000 pounds)	Noncellu-losic (1,000 pounds)			
1980									
March (4 weeks).....	25,850	25,563	286	8,275	1,304	6,971	6,356	141,408	429
February (4 weeks).....	25,353	25,087	268	8,198	1,295	6,903	7,547	144,012	436
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION  
(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1980</b>			
March (4 weeks).....	70	61	321
February (4 weeks).....	68	61	322
January (5 weeks).....	67	62	330
<b>1979</b>			
December (4 weeks).....	67	55	305
November (4 weeks).....	66	58	309
October (5 weeks).....	68	59	316
September (4 weeks).....	69	56	310
August (4 weeks).....	65	55	296
July (5 weeks).....	65	59	301
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	MARCH 1980		FEBRUARY 1980		MARCH 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	516,971	258,244	507,094	254,468	506,111	252,809
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	514,971	257,233	505,026	253,446	503,403	251,462
ALABAMA . . . . .	67,508	33,695	66,782	33,362	66,121	33,086
GEORGIA . . . . .	90,825	46,043	91,968	46,735	92,270	45,917
NORTH CAROLINA . . . . .	186,407	93,494	179,469	89,472	179,825	89,709
SOUTH CAROLINA . . . . .	127,065	62,466	127,194	63,715	123,503	61,861
TENNESSEE . . . . .	10,401	5,041	10,034	4,866	9,632	4,742
TEXAS . . . . .	4,518	2,294	4,479	2,286	5,147	2,603
VIRGINIA . . . . .	16,941	8,425	13,630	7,126	16,396	8,193
OTHER STATES. . . . .	11,306	5,775	11,470	5,884	10,509	5,351
NEW ENGLAND. . . . .	1,716	866	1,855	912	2,458	1,221
REST OF UNITED STATES. . . . .	284	145	213	110	250	126
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	511,261	255,404	501,730	251,811	500,393	249,951
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	19,715	9,647	20,707	10,211	26,197	12,954
1 INCH AND 1-1/32 INCH STAPLES. . . . .	141,270	70,356	135,169	67,324	129,334	64,505
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	302,195	151,463	303,323	152,183	307,302	153,583
STAPLES LONGER THAN 1-3/32 INCH . . . . .	35,178	17,450	30,209	15,054	25,090	12,593
STAPLES NOT SPECIFIED BY KIND . . . . .	12,903	6,488	12,322	7,039	12,470	6,316
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,412	2,705	5,140	2,554	5,529	2,766
FOREIGN COTTON, TOTAL. . . . .	298	135	1224	1103	189	92
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	298	135	1224	1103	189	92
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	165,495	(X)	163,975	(X)	156,684
RAYON AND ACETATE . . . . .	(X)	26,080	(X)	25,911	(X)	26,630
NYLON . . . . .	(X)	11,666	(X)	9,129	(X)	10,963
ACRYLIC AND MODACRYLIC. . . . .	(X)	15,667	(X)	16,662	(X)	13,455
POLYESTER . . . . .	(X)	110,762	(X)	110,999	(X)	104,059
OTHER MANMADE FIBER . . . . .	(X)	1,320	(X)	1,274	(X)	1,577

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for March and 20 for February.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for March 1980; 22,093 for February 1980; 27,813 for March 1979.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMER ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	MARCH 1980		FEBRUARY 1980		MARCH 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,057,746	527,220	988,844	493,037	1,098,763	548,889
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,049,418	523,074	979,873	488,604	1,091,873	545,369
ALABAMA . . . . .	158,129	78,669	152,547	75,925	130,933	65,245
CALIFORNIA . . . . .	117,886	59,484	116,178	58,447	145,976	72,548
GEORGIA . . . . .	353,621	174,886	321,577	159,389	362,423	180,924
NORTH CAROLINA . . . . .	333,146	167,233	306,773	154,202	368,270	185,048
SOUTH CAROLINA . . . . .	45,172	22,046	46,938	22,720	45,174	21,598
TENNESSEE . . . . .	10,213	5,072	9,741	4,832	10,248	5,147
TEXAS . . . . .	19,781	9,861	<sup>r</sup> 16,645	<sup>r</sup> 8,273	17,789	8,913
VIRGINIA . . . . .	11,470	5,823	9,474	4,816	11,060	5,946
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	7,918	3,948	8,530	4,222	6,608	3,272
REST OF UNITED STATES. . . . .	410	198	441	211	482	248
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,036,803	517,037	971,201	484,466	1,081,112	539,885
AMERICAN-PIMA, SEA ISLAND, AND OTHER						
DOMESTIC COTTON . . . . .	18,139	8,896	<sup>r</sup> 15,328	<sup>r</sup> 7,533	16,431	8,342
FOREIGN COTTON, TOTAL. . . . .	2,804	1,287	<sup>r</sup> 2,315	<sup>r</sup> 1,038	1,420	662
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .						
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	2,804	1,287	<sup>r</sup> 2,315	<sup>r</sup> 1,038	1,420	662
MANMADE FIBER STAPLE (I) . . . . .	(X)	141,408	(X)	144,012	(X)	131,871
RAYON AND ACETATE . . . . .	(X)	23,000	(X)	23,183	(X)	27,383
NYLON . . . . .	(X)	8,526	(X)	9,328	(X)	7,900
ACRYLIC AND MODACRYLIC . . . . .	(X)	15,542	(X)	<sup>r</sup> 13,617	(X)	122,600
POLYESTER . . . . .	(X)	93,359	(X)	97,122	(X)	83,134
OTHER MANMADE FIBER . . . . .	(X)	981	(X)	762	(X)	1,194

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	MARCH 29, 1980	MARCH 1, 1980	MARCH 31, 1979
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	5,298,736	6,557,942	6,035,055
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	5,298,639	6,557,830	6,034,936
ALABAMA . . . . .	159,661	184,523	168,350
ARIZONA . . . . .	306,795	404,656	409,970
ARKANSAS. . . . .	171,402	235,588	276,661
CALIFORNIA. . . . .	1,121,763	1,299,250	796,560
GEORGIA . . . . .	126,219	145,136	177,582
LOUISIANA . . . . .	199,630	289,383	240,580
MISSISSIPPI . . . . .	347,121	485,597	548,733
MISSOURI. . . . .	36,499	50,355	102,316
NEW MEXICO. . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA. . . . .	145,097	127,274	131,366
OKLAHOMA. . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA. . . . .	219,191	220,028	247,372
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	2,126,990	2,692,342	2,407,734
VIRGINIA. . . . .	-	-	-
OTHER STATES. . . . .	338,271	423,698	527,712
NEW ENGLAND. . . . .	97	112	119
REST OF UNITED STATES. . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND. . . . .	5,251,792	6,499,416	5,950,657
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	43,719	54,984	82,092
FOREIGN COTTON, TOTAL (2). . . . .	3,225	<sup>r</sup> 3,542	2,306
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised by 5 percent or more for previously published figures.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales reported on March 29, 1980, were withheld to avoid disclosing figures for individual companies.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	MARCH 1980	FEBRUARY 1980	MARCH 1979
CONSUMPTION, TOTAL . . . . .	RUN.BALES	71,356	70,474	84,258
BLEACHERS:- RUNNING BALES . . . . .	DO	59,287	57,209	66,875
GROSS WEIGHT. . . . .	M. LBS.	36,493	35,089	42,112
OTHER CONSUMERS . . . . .	RUN.BALES	12,069	13,265	17,383
PACIFIC AND MOUNTAIN STATES. . . . .	DO	2,763	3,139	3,081
ALL OTHER STATES . . . . .	DO	9,306	10,126	14,302
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN.BALES	265,116	236,195	291,468
BLEACHERS:- RUNNING BALES . . . . .	DO	142,995	121,915	171,286
GROSS WEIGHT. . . . .	M. LBS.	87,772	74,205	107,061
OTHER CONSUMERS . . . . .	RUN.BALES	25,965	26,760	28,775
PACIFIC AND MOUNTAIN STATES. . . . .	DO	3,306	<sup>r</sup> 3,148	3,981
ALL OTHER STATES . . . . .	DO	22,659	<sup>r</sup> 23,612	24,794
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	7,751	5,962	6,667
PACIFIC AND MOUNTAIN STATES. . . . .	DO	7,751	5,962	6,667
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	88,405	81,558	84,740

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

(In thousands)

Period	Operating income	Operating expenses	Operating income	Operating expenses
1977	1,834	2,106	1,834	2,106
1978	1,820	2,111	1,820	2,111
1979	738	136	738	136
1980	819	136	819	136
1981	2,069	883	2,069	883
1982	3,126	883	3,126	883
1983	(D)	(D)	(D)	(D)
1984	(D)	(D)	(D)	(D)
1985	(D)	(D)	(D)	(D)
1986	51	1	51	1
1987	1	1	1	1
1988	1	1	1	1
1989	1	1	1	1
1990	1	1	1	1
1991	1	1	1	1
1992	1	1	1	1
1993	1	1	1	1
1994	1	1	1	1
1995	1	1	1	1
1996	1	1	1	1
1997	1	1	1	1
1998	1	1	1	1
1999	1	1	1	1
2000	1	1	1	1
2001	1	1	1	1
2002	1	1	1	1
2003	1	1	1	1
2004	1	1	1	1
2005	1	1	1	1
2006	1	1	1	1
2007	1	1	1	1
2008	1	1	1	1
2009	1	1	1	1
2010	1	1	1	1
2011	1	1	1	1
2012	1	1	1	1
2013	1	1	1	1
2014	1	1	1	1
2015	1	1	1	1
2016	1	1	1	1
2017	1	1	1	1
2018	1	1	1	1
2019	1	1	1	1
2020	1	1	1	1
2021	1	1	1	1
2022	1	1	1	1
2023	1	1	1	1
2024	1	1	1	1
2025	1	1	1	1
2026	1	1	1	1
2027	1	1	1	1
2028	1	1	1	1
2029	1	1	1	1
2030	1	1	1	1
2031	1	1	1	1
2032	1	1	1	1
2033	1	1	1	1
2034	1	1	1	1
2035	1	1	1	1
2036	1	1	1	1
2037	1	1	1	1
2038	1	1	1	1
2039	1	1	1	1
2040	1	1	1	1
2041	1	1	1	1
2042	1	1	1	1
2043	1	1	1	1
2044	1	1	1	1
2045	1	1	1	1
2046	1	1	1	1
2047	1	1	1	1
2048	1	1	1	1
2049	1	1	1	1
2050	1	1	1	1
2051	1	1	1	1
2052	1	1	1	1
2053	1	1	1	1
2054	1	1	1	1
2055	1	1	1	1
2056	1	1	1	1
2057	1	1	1	1
2058	1	1	1	1
2059	1	1	1	1
2060	1	1	1	1
2061	1	1	1	1
2062	1	1	1	1
2063	1	1	1	1
2064	1	1	1	1
2065	1	1	1	1
2066	1	1	1	1
2067	1	1	1	1
2068	1	1	1	1
2069	1	1	1	1
2070	1	1	1	1
2071	1	1	1	1
2072	1	1	1	1
2073	1	1	1	1
2074	1	1	1	1
2075	1	1	1	1
2076	1	1	1	1
2077	1	1	1	1
2078	1	1	1	1
2079	1	1	1	1
2080	1	1	1	1
2081	1	1	1	1
2082	1	1	1	1
2083	1	1	1	1
2084	1	1	1	1
2085	1	1	1	1
2086	1	1	1	1
2087	1	1	1	1
2088	1	1	1	1
2089	1	1	1	1
2090	1	1	1	1
2091	1	1	1	1
2092	1	1	1	1
2093	1	1	1	1
2094	1	1	1	1
2095	1	1	1	1
2096	1	1	1	1
2097	1	1	1	1
2098	1	1	1	1
2099	1	1	1	1
2100	1	1	1	1

- See notes to financial statements for details regarding the figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MARCH 1980				
UNITED STATES, TOTAL . . . . .	8,575	3,321	1,427	3,827
COTTON GROWING STATES . . . . .	8,547	3,314	1,409	3,824
ALABAMA. . . . .	801	44	70	317
GEORGIA. . . . .	929	43	69	397
NORTH CAROLINA . . . . .	1,891	1,403	42	1,064
SOUTH CAROLINA . . . . .	3,181	2,123	807	1,733
TENNESSEE. . . . .	381	15	0	0
TEXAS. . . . .	88	0	0	(D)
VIRGINIA . . . . .	233	89	0	0
OTHER STATES . . . . .	65	10	1	24
NEW ENGLAND . . . . .	18	1	18	3
REST OF UNITED STATES . . . . .				
FEBRUARY 1980				
UNITED STATES, TOTAL . . . . .	8,728	3,437	1,428	3,863
COTTON GROWING STATES . . . . .	8,699	3,429	1,410	3,860
ALABAMA. . . . .	831	43	71	323
GEORGIA. . . . .	945	44	68	395
NORTH CAROLINA . . . . .	2,010	1,428	40	1,131
SOUTH CAROLINA . . . . .	3,377	2,183	813	1,779
TENNESSEE. . . . .	439	15	0	0
TEXAS. . . . .	84	0	0	0
VIRGINIA . . . . .	261	7	0	0
OTHER STATES . . . . .	88	63	1	13
NEW ENGLAND . . . . .	19	0	19	3
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.  
 †Revised by 5 percent or more from previously published figures.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
MARCH 1980					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION (1) . . . . .	BALES	516,971	364,655	111,349	40,967
STOCKS (1) . . . . .	BALES	1,057,746	728,826	257,032	71,888
MANMADE FIBER STAPLE: (2)					
CONSUMPTION . . . . .	M LBS	165,495	103,783	36,690	25,022
STOCKS . . . . .	M LBS	141,408	77,889	36,871	26,648
CELLULOSIC:					
CONSUMPTION . . . . .	M LBS	26,080	15,168	6,378	4,534
STOCKS . . . . .	M LBS	23,000	11,511	7,639	3,850
NONCELLULOSIC:					
CONSUMPTION . . . . .	M LBS	139,415	88,615	30,312	20,488
STOCKS . . . . .	M LBS	118,408	66,378	29,232	22,798
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,312	11,967	3,948	1,397
ACTIVE SPINDLE . . . . .	THOUSANDS	16,277	12,139	3,726	412
HOURS OPERATED . . . . .	MILLIONS	8,575	5,950	1,973	652
FEBRUARY 1980					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION (1) . . . . .	BALES	507,094	362,081	110,526	34,487
STOCKS (1) . . . . .	BALES	988,844	684,856	235,964	68,024
MANMADE FIBER STAPLE: (2)					
CONSUMPTION . . . . .	M LBS	163,975	103,851	35,087	25,037
STOCKS . . . . .	M LBS	144,012	79,676	37,055	27,281
CELLULOSIC:					
CONSUMPTION . . . . .	M LBS	25,911	15,169	6,264	4,478
STOCKS . . . . .	M LBS	23,183	11,287	7,323	4,573
NONCELLULOSIC:					
CONSUMPTION . . . . .	M LBS	138,064	88,682	28,823	20,559
STOCKS . . . . .	M LBS	120,829	68,389	29,732	22,708
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,308	11,920	3,894	1,440
ACTIVE SPINDLE . . . . .	THOUSANDS	16,293	12,159	3,728	406
HOURS OPERATED . . . . .	MILLIONS	8,729	6,029	2,044	656

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>2</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters; thousand pounds for staple)

Country to which exported	February 1980	January 1980	Cotton season 7 months through February 1980
COTTON			
Total.....	1,024,828	737,384	4,575,192
Canada.....	30,005	22,302	159,813
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	36,454	22,908	142,675
Republic of Philippines.....	8,398	7,989	52,039
Republic of Korea.....	112,782	93,655	707,995
China-Taiwan.....	61,933	37,459	262,578
Japan.....	170,041	145,982	827,725
Other countries.....	605,215	407,095	2,422,367
LINTERS			
Total.....	22,997	25,559	97,708
Canada.....	3,203	5,393	23,171
Mexico.....	157	175	1,047
United Kingdom.....	364	266	1,071
Federal Republic of Germany.....	6,065	8,253	23,971
Japan.....	9,782	8,588	35,646
Other countries.....	3,426	2,884	12,802
MANMADE FIBER STAPLE AND TOW			
Total.....	75,117	64,294	507,870
Canada.....	7,172	8,271	57,948
Brazil.....	534	925	3,716
United Kingdom.....	3,130	1,294	18,100
Netherlands.....	1,177	1,998	7,866
Belgium.....	1,638	2,654	20,409
Federal Republic of Germany.....	2,178	1,301	11,859
Switzerland.....	109	37	798
U.S.S.R.....	1,240	139	2,198
Hong Kong.....	2,275	2,763	22,756
Japan.....	502	447	10,140
Australia.....	1,614	2,817	15,782
Other countries.....	53,548	41,648	336,298

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242; 3094245, 2094246, and 2094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS

(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	February 1980	January 1980	Cotton season 7 months through February 1980
COTTON			
Total.....	112	-	2,260
Mexico.....	-	-	2,103
Peru.....	112	-	156
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	1
LINTERS			
Total.....	6,261	13,720	36,938
Mexico.....	3,465	3,546	17,183
Brazil.....	2,014	9,186	14,994
Other countries.....	782	988	4,761
MANMADE FIBER STAPLE AND TOW			
Total.....	1,214	2,066	12,333
Canada.....	206	68	1,180
United Kingdom.....	72	17	325
France.....	1	2	90
Federal Republic of Germany.....	714	1,031	5,199
Austria.....	-	20	463
Switzerland.....	-	-	-
Italy.....	15	22	289
Japan.....	138	339	1,919
Other countries.....	68	567	2,868

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	86.9	84.3	84.8
Stock, August 1.....	21.5	24.4	20.7
Production.....	65.4	59.9	64.1
Distribution.....	86.6	84.4	85.5
Consumption.....	65.0	62.9	61.1
Stocks, July 31.....	21.6	21.5	24.4
Difference <sup>1</sup> .....	-0.3	+0.1	+0.7

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, **Cotton and Linters in Public Storage and Compresses**, and M22P, **Cotton, Manmade Fiber Staple, and Raw Linters**. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1978 - February 2
February	4	February 3 - March 4
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going

into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. **Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. **Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. **Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. **Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. **Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. **"Direct" vs "Total" Commodity Export and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct export and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. **Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. **Geographic Area of Coverage**—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipment data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in the series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders
M22D	Monthly	Consumption on the Woolen and Worsted Systems
<i>Foreign Trade Reports</i>		
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country

## CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Richard Hanks	(301) 763-7809
Foreign Trade publications	Juanita Noone	(301) 763-5140
To order a Census Bureau publication	Daisy Williams	(301) 763-7472
To order Census Bureau microfiche	Maria Brown	(301) 763-5511



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For furnished units, data are presented for the U.S. by asking rent classes and number of bedrooms. For cooperative and condominium units, data are given for the U.S. by number of bedrooms, regions, and percent absorbed after 3 months.

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# Consumption on the Cotton System



APRIL 1980

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M22P(80)-9  
Issued June 1980

M 22 P (80) - 9

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
April (5 weeks).....	24,437	24,170	267	7,677	1,150	6,527	5,132	135,415	389
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,229	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
1979									
December (4 weeks).....	23,513	23,268	245	7,557	1,196	6,361	5,915	138,480	380
November (4 weeks).....	23,575	23,339	236	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	23,878	233	7,862	1,239	6,623	4,987	144,952	400
September (4 weeks).....	24,440	24,189	251	7,755	1,196	6,559	4,951	149,892	398
August (4 weeks).....	23,406	23,158	248	7,527	1,192	6,335	5,217	150,792	391
July (5 weeks).....	24,208	23,962	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,948	143,282	389
May (4 weeks).....	23,519	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,936	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,940	257	7,568	1,315	6,253	6,193	130,218	405
February (4 weeks).....	22,738	22,496	242	7,359	1,286	6,073	6,080	125,801	386
January (5 weeks).....	23,499	23,234	265	7,655	1,424	6,231	6,086	117,342	395
1978									
December (4 weeks).....	23,314	23,071	243	7,490	1,327	6,163	5,856	116,515	397
November (5 weeks).....	23,316	23,039	277	7,586	1,286	6,300	5,280	113,229	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	388
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	8,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	388
July (4 weeks).....	22,893	22,637	256	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,532	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,803	390
April (4 weeks).....	23,932	23,685	247	7,971	1,411	6,560	7,331	114,057	403
March (5 weeks).....	23,659	23,415	244	7,777	1,520	6,257	7,286	122,362	393
February (4 weeks).....	24,206	23,936	270	8,377	1,634	6,743	7,385	119,100	408
January (4 weeks).....	24,169	23,909	260	7,913	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room April 24, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
March (4 weeks).....	25,850	25,563	286	8,275	1,304	6,971	6,356	141,408	429
February (4 weeks).....	25,353	25,087	268	8,198	1,295	6,903	7,547	144,012	436
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
March (4 weeks).....	70	61	321
February (4 weeks).....	68	61	322
January (5 weeks).....	67	62	330
1979			
December (4 weeks).....	67	55	305
November (4 weeks).....	66	58	309
October (5 weeks).....	68	59	316
September (4 weeks).....	69	56	310
August (4 weeks).....	65	55	296
July (5 weeks).....	65	59	301
June (4 weeks).....	67	59	293
May (4 weeks).....	66	55	296
April (5 weeks).....	65	63	288
March (4 weeks).....	69	63	299
February (4 weeks).....	64	61	288
January (5 weeks).....	67	69	299



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	MARCH 1980		FEBRUARY 1980		MARCH 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	516,971	258,244	507,094	254,468	506,111	252,809
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	514,971	257,233	505,026	253,446	503,403	251,462
ALABAMA . . . . .	67,508	33,695	66,782	33,362	66,121	33,086
GEORGIA . . . . .	90,825	46,043	91,968	46,735	92,270	45,917
NORTH CAROLINA . . . . .	186,407	93,494	179,469	89,472	179,825	89,709
SOUTH CAROLINA . . . . .	127,065	62,466	127,194	63,715	123,503	61,861
TENNESSEE . . . . .	10,401	5,041	10,034	4,866	9,632	4,742
TEXAS . . . . .	4,518	2,294	4,479	2,286	5,147	2,603
VIRGINIA . . . . .	16,941	8,425	13,630	7,126	16,396	8,193
OTHER STATES. . . . .	11,306	5,775	11,470	5,884	10,509	5,351
NEW ENGLAND. . . . .	1,716	866	1,855	912	2,458	1,221
REST OF UNITED STATES. . . . .	284	145	213	110	250	126
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	511,261	255,404	501,730	251,811	500,393	249,951
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	19,715	9,647	20,707	10,211	26,197	12,954
1 INCH AND 1-1/32 INCH STAPLES. . . . .	141,270	70,356	135,169	67,324	129,334	64,505
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	302,195	151,463	303,323	152,183	307,302	153,583
STAPLES LONGER THAN 1-3/32 INCH . . . . .	35,178	17,450	30,209	15,054	25,090	12,593
STAPLES NOT SPECIFIED BY KIND . . . . .	12,903	6,488	12,322	7,039	12,470	6,316
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,412	2,705	5,140	2,554	5,529	2,766
FOREIGN COTTON, TOTAL. . . . .	298	135	1,224	1,103	189	92
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	298	135	1,224	1,103	189	92
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	165,495	(X)	163,975	(X)	156,684
RAYON AND ACETATE . . . . .	(X)	26,080	(X)	25,911	(X)	26,630
NYLON . . . . .	(X)	11,666	(X)	9,129	(X)	10,963
ACRYLIC AND MODACRYLIC. . . . .	(X)	15,667	(X)	16,662	(X)	13,455
POLYESTER . . . . .	(X)	110,762	(X)	110,999	(X)	104,059
OTHER MANMADE FIBER . . . . .	(X)	1,320	(X)	1,274	(X)	1,577

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for March and 20 for February.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: Not available for March 1980; 22,093 for February 1980; 27,813 for March 1979.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMER ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	APRIL 1980		MARCH 1980		APRIL 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,126,067	570,034	1,071,363	533,705	1,094,968	547,324
BY AREA AND STATE:						
COTTON-GROWING STATES. . . . .	1,117,498	565,776	1,062,959	529,542	1,089,715	544,722
ALABAMA . . . . .	165,074	82,187	154,021	76,588	137,167	68,409
CALIFORNIA . . . . .	130,602	67,217	121,331	60,941	145,894	72,985
GEORGIA . . . . .	363,209	174,851	358,378	177,701	350,395	174,565
NORTH CAROLINA . . . . .	402,026	202,326	343,214	172,147	381,240	191,485
SOUTH CAROLINA . . . . .	39,573	19,236	44,090	21,157	36,364	17,863
TENNESSEE . . . . .	10,454	5,236	10,213	5,072	9,861	4,957
TEXAS . . . . .	20,446	10,570	20,011	9,977	17,333	8,671
VIRGINIA . . . . .	13,886	4,153	11,701	5,959	11,461	5,787
OTHER STATES. . . . .						
NEW ENGLAND. . . . .	8,132	4,048	7,991	3,963	4,768	2,354
REST OF UNITED STATES. . . . .	437	210	413	200	485	248
BY TYPE OF COTTON:						
AMERICAN UPLAND. . . . .	1,106,260	560,431	1,050,419	523,544	1,076,584	538,096
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	16,801	8,237	18,012	8,829	16,458	8,349
FOREIGN COTTON, TOTAL. . . . .	3,006	1,366	2,932	1,332	1,926	879
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	3,006	1,366	2,932	1,332	889	432
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .					1,037	447
MANMADE FIBER STAPLE (1) . . . . .	(X)	140,967	(X)	140,999	(X)	143,032
RAYON AND ACETATE . . . . .	(X)	23,500	(X)	23,202	(X)	29,615
NYLON . . . . .	(X)	7,398	(X)	7,996	(X)	9,169
ACRYLIC AND MODACRYLIC. . . . .	(X)	15,179	(X)	16,148	(X)	14,049
POLYESTER . . . . .	(X)	93,957	(X)	92,767	(X)	89,162
OTHER MANMADE FIBER . . . . .	(X)	933	(X)	886	(X)	1,037

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	MAY 3, 1980	MARCH 29, 1980	MAY 5, 1979
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	4,046,626	5,298,640	5,061,529
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	4,046,544	5,298,543	5,061,424
ALABAMA . . . . .	109,635	159,566	141,661
ARIZONA . . . . .	234,522	306,795	347,396
ARKANSAS . . . . .	115,519	171,402	213,703
CALIFORNIA . . . . .	941,396	1,122,264	619,359
GEORGIA . . . . .	113,251	125,253	165,814
LOUISIANA . . . . .	130,550	199,630	191,645
MISSISSIPPI . . . . .	240,346	247,121	440,466
MISSOURI . . . . .	23,547	36,499	77,070
NEW MEXICO . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
NORTH CAROLINA . . . . .	140,347	146,148	135,646
OKLAHOMA . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
SOUTH CAROLINA . . . . .	207,968	218,421	234,307
TENNESSEE . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
TEXAS . . . . .	1,549,628	2,126,990	2,019,899
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	239,835	338,454	474,458
NEW ENGLAND . . . . .	82	97	105
REST OF UNITED STATES . . . . .			
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	4,008,404	5,251,696	4,991,090
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	35,487	43,719	67,109
FOREIGN COTTON, TOTAL (2) . . . . .	2,735	3,225	3,330
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	2,699	3,189	(D)
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	(D)	(D)	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales, reported on May 3, 1980.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	APRIL 1980	MARCH 1980	APRIL 1979
CONSUMPTION, TOTAL . . . . .	RUN. BALES	91,528	71,641	82,053
BLEACHERS:- RUNNING BALES . . . . .	DO	77,297	59,175	60,375
GROSS WEIGHT . . . . .	M. LBS.	48,303	36,434	38,510
OTHER CONSUMERS . . . . .	RUN. BALES	14,231	12,466	21,677
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,304	2,839	3,304
ALL OTHER STATES . . . . .	DO	10,927	9,627	18,373
STOCKS, TOTAL ( END OF PERIOD ) . . . . .	RUN. BALES	273,186	263,725	279,311
BLEACHERS:- RUNNING BALES . . . . .	DO	155,479	140,971	155,460
GROSS WEIGHT . . . . .	M. LBS.	94,535	85,624	97,453
OTHER CONSUMERS . . . . .	RUN. BALES	24,143	26,472	32,745
PACIFIC AND MOUNTAIN STATES . . . . .	DO	2,948	3,449	4,335
ALL OTHER STATES . . . . .	DO	21,195	23,023	28,410
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	7,745	7,751	9,290
PACIFIC AND MOUNTAIN STATES . . . . .	DO	7,745	7,751	9,290
ALL OTHER STATES . . . . .	DO			
OIL MILLS (1) . . . . .	DO	85,819	88,531	81,816

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
ACTIVE SPINDLES APRIL 1980				
UNITED STATES, TOTAL . . . . .	17,300	6,365	2,236	7,695
COTTON GROWING STATES . . . . .	17,029	6,319	2,194	7,680
ALABAMA . . . . .	1,698	767	143	742
GEORGIA . . . . .	1,962	905	132	837
NORTH CAROLINA . . . . .	5,833	2,544	879	2,092
SOUTH CAROLINA . . . . .	6,240	1,514	955	3,446
TENNESSEE . . . . .	420	287	(D)	78
TEXAS . . . . .	157	26	29	(D)
VIRGINIA . . . . .	528	147	(D)	360
OTHER STATES . . . . .	191	129	-	(D)
NEW ENGLAND . . . . .	271	46	42	15
REST OF UNITED STATES . . . . .				
ACTIVE SPINDLES MARCH 1980				
UNITED STATES, TOTAL . . . . .	17,305	6,380	2,264	7,677
COTTON GROWING STATES . . . . .	17,034	6,333	2,222	7,662
ALABAMA . . . . .	1,694	765	146	739
GEORGIA . . . . .	1,974	908	132	841
NORTH CAROLINA . . . . .	5,845	2,549	887	2,081
SOUTH CAROLINA . . . . .	6,238	1,520	973	3,428
TENNESSEE . . . . .	421	295	(D)	77
TEXAS . . . . .	157	26	30	(D)
VIRGINIA . . . . .	521	142	(D)	(D)
OTHER STATES . . . . .	184	128	-	51
NEW ENGLAND . . . . .	271	47	42	15
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. Revised by 5 percent or more from previously published figures.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
APRIL 1980				
UNITED STATES, TOTAL . . . . .	10,001	4,083	1,244	4,674
COTTON GROWING STATES . . . . .	9,974	4,078	1,224	4,672
ALABAMA . . . . .	979	526	72	381
GEORGIA . . . . .	1,108	560	79	469
NORTH CAROLINA . . . . .	3,495	1,685	516	1,294
SOUTH CAROLINA . . . . .	3,607	939	512	2,156
TENNESSEE . . . . .	288	189	(D)	(D)
TEXAS . . . . .	68	(D)	12	(D)
VIRGINIA . . . . .	311	(D)	(D)	(D)
OTHER STATES . . . . .	118	83	-	35
NEW ENGLAND . . . . .	27	5	20	2
REST OF UNITED STATES . . . . .				
MARCH 1980				
UNITED STATES, TOTAL . . . . .	8,271	3,347	r1,089	3,835
COTTON GROWING STATES . . . . .	8,244	3,340	r1,071	3,833
ALABAMA . . . . .	791	409	r65	317
GEORGIA . . . . .	928	466	67	395
NORTH CAROLINA . . . . .	2,937	1,414	445	1,078
SOUTH CAROLINA . . . . .	r2,936	751	r456	1,729
TENNESSEE . . . . .	250	156	(D)	(D)
TEXAS . . . . .	56	8	(D)	(D)
VIRGINIA . . . . .	254	70	(D)	(D)
OTHER STATES . . . . .	92	r66	-	r26
NEW ENGLAND . . . . .	27	7	18	2
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

r Revised by 5 percent or more from previously published figures.

TABLE 8. CONSUMPTION, STOCKS AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
APRIL 1980					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION (1) . . . . .	BALES	618,120	447,943	128,292	41,885
STOCKS (1) . . . . .	BALES	1,126,067	792,364	258,650	75,053
MANMADE FIBER STAPLE: (2)					
CONSUMPTION . . . . .	M LBS	198,373	122,094	45,321	30,958
STOCKS . . . . .	M LBS	140,967	78,675	35,934	26,358
CELLULOSIC:					
CONSUMPTION . . . . .	M LBS	29,004	16,055	7,271	5,678
STOCKS . . . . .	M LBS	23,500	11,756	7,929	3,815
NONCELLULOSIC:					
CONSUMPTION . . . . .	M LBS	169,369	106,039	38,050	25,280
STOCKS . . . . .	M LBS	117,467	66,919	28,005	22,543
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,300	11,979	3,921	1,400
ACTIVE SPINDLE . . . . .	THOUSANDS	16,296	12,157	3,721	418
HOURS OPERATED . . . . .	MILLIONS	10,001	6,770	2,410	821
MARCH 1980					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION (1) . . . . .	BALES	513,067	369,130	107,774	<sup>r</sup> 36,183
STOCKS (1) . . . . .	BALES	1,071,363	744,793	253,651	72,919
MANMADE FIBER STAPLE: (2)					
CONSUMPTION . . . . .	M LBS	166,980	103,546	38,126	25,308
STOCKS . . . . .	M LBS	140,999	77,072	36,931	26,996
CELLULOSIC:					
CONSUMPTION . . . . .	M LBS	25,970	15,123	6,320	4,527
STOCKS . . . . .	M LBS	23,202	11,656	7,699	3,847
NONCELLULOSIC:					
CONSUMPTION . . . . .	M LBS	141,010	88,423	31,806	20,781
STOCKS . . . . .	M LBS	117,797	65,416	29,232	23,149
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,305	11,992	3,913	1,400
ACTIVE SPINDLE . . . . .	THOUSANDS	16,322	12,176	3,731	415
HOURS OPERATED . . . . .	MILLIONS	8,271	5,605	2,009	657

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>2</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters; thousand pounds for staple)

Country to which exported	March 1980	February 1980	Cotton season 7 months through March 1980
<b>COTTON</b>			
Total.....	3,932,325	1,024,828	8,507,517
Canada.....	26,267	30,005	188,080
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	32,379	36,454	175,054
Republic of Philippines.....	14,803	8,398	66,842
Republic of Korea.....	145,401	112,782	853,396
China-Taiwan.....	82,941	51,933	345,519
Japan.....	197,678	170,041	1,025,403
Other countries.....	3,430,856	605,215	5,853,223
<b>LINTERS</b>			
Total.....	29,329	22,997	127,037
Canada.....	3,551	3,203	26,722
Mexico.....	4,468	157	4,625
United Kingdom.....	232	364	1,303
Federal Republic of Germany.....	7,099	6,065	31,070
Japan.....	8,853	9,782	44,499
Other countries.....	5,126	3,426	17,928
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	68,222	75,117	576,092
Canada.....	7,344	7,172	65,292
Brazil.....	576	534	4,292
United Kingdom.....	3,371	3,130	21,471
Netherlands.....	1,444	1,177	9,310
Belgium.....	3,317	1,638	23,726
Federal Republic of Germany.....	4,173	2,178	16,031
Switzerland.....	3,641	109	4,439
U.S.S.R.....	624	1,240	2,822
Hong Kong.....	2,665	2,275	25,421
Japan.....	477	502	10,617
Australia.....	1,410	1,614	17,192
Other countries.....	39,178	53,548	375,476

Note. Includes Schedule E numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; and manmade fiber staple, numbers 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 500-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	March 1980	February 1980	Cotton season 7 months through March 1980
<b>COTTON</b>			
Total.....	857	112	3,117
Mexico.....	-	-	2,103
Peru.....	-	112	156
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	389	-	389
Sudan.....	-	-	-
Other countries.....	468	-	469
<b>LINTERS</b>			
Total.....	12,917	6,261	49,855
Mexico.....	1,328	3,465	18,511
Brazil.....	1,342	2,014	16,336
Other countries.....	10,247	782	15,008
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	1,983	1,214	14,316
Canada.....	427	206	1,607
United Kingdom.....	14	72	339
France.....	-	1	90
Federal Republic of Germany.....	487	714	5,686
Austria.....	110	-	573
Switzerland.....	-	-	-
Italy.....	30	15	319
Japan.....	408	138	2,327
Other countries.....	506	68	3,374

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979 80 forecast	1978 79 preliminary	1977 78
Supply.....	86.9	84.3	84.8
Stock, August 1.....	21.5	24.4	20.7
Production.....	65.4	59.9	64.1
Distribution.....	86.6	84.4	85.5
Consumption.....	65.0	62.9	61.1
Stocks, July 31.....	21.6	21.5	24.4
Difference <sup>1</sup> .....	-0.3	-0.1	-0.7

<sup>1</sup>Net cotton afloat, destroyed and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, **Cotton and Linters in Public Storage and Compresses**, and M22P, **Cotton, Manmade Fiber Staple, and Raw Linters**. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 4
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going

into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. *Geographic Area of Coverage*—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipments) data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

## CONTACTS FOR DATA USERS

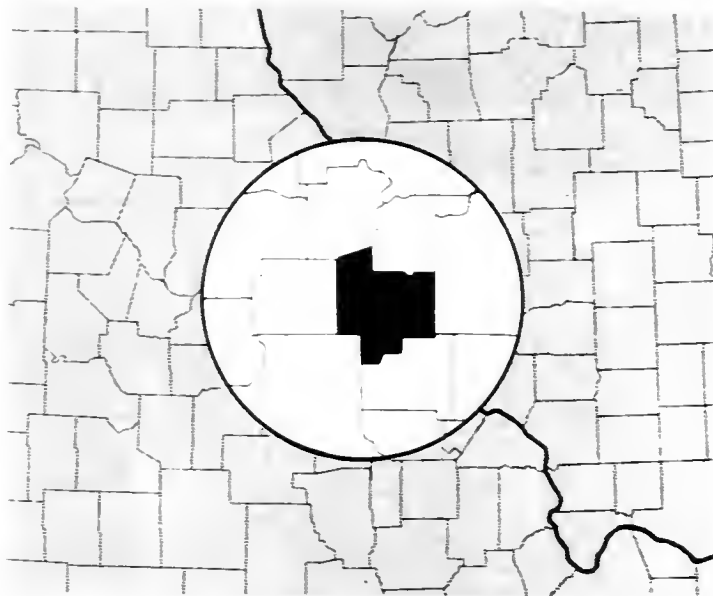
Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Richard Hanks	(301) 763-7809
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Daisy Williams	(301) 763-7472
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Maria Brown	(301) 763-5511



# COUNTY BUSINESS PATTERNS 1978

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The U.S. Summary includes data by detailed industry (4-digit SIC) level for the United States and by major group (2-digit SIC) for each State. For the U.S., number of establishments, employment, and payroll data are also provided by employment-size class to the 4-digit SIC level. Also included, by major industry group, are data on the number of

establishments, employees, and payroll of administrative and auxiliary establishments.

The Standard Metropolitan Statistical Area (SMSA) includes the same data items as the State reports by major group (2-digit SIC) for each SMSA. For the New England States, data are published by the New England County Metropolitan Area (NECMA).

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- Retail trade
- Finance, insurance, and real estate
- Services

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Published CBP data, by county and by industry, will be available at cost, on computer tapes. Inquiries should be addressed to Chief, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

The reports described in this announcement are also available on microfiche. For further information, contact: Subscriber Services Section (Publications), Bureau of the Census, Washington, D.C. 20233

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3. 158:

# Consumption on the Cotton System



MAY 1980

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M22P(80)-10  
issued July 1980

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
May (4 weeks).....	24,032	23,785	247	7,455	1,124	6,331	4,929	133,669	388
April (5 weeks).....	24,609	24,335	274	7,698	1,155	6,543	5,211	135,370	391
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,229	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
1979									
December (4 weeks).....	23,513	23,268	245	7,557	1,196	6,361	5,915	138,480	380
November (4 weeks).....	23,575	23,339	236	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	23,878	233	7,862	1,239	6,623	4,987	144,952	400
September (4 weeks).....	24,440	24,189	251	7,755	1,196	6,559	4,951	149,892	398
August (4 weeks).....	23,406	23,158	248	7,527	1,192	6,335	5,217	150,792	391
July (5 weeks).....	24,208	23,962	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,948	143,282	389
May (4 weeks).....	23,519	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,936	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,940	257	7,568	1,315	6,253	6,193	130,218	405
February (4 weeks).....	22,738	22,496	242	7,359	1,286	6,073	6,080	125,801	386
January (5 weeks).....	23,499	23,234	265	7,655	1,424	6,231	6,086	117,342	395
1978									
December (4 weeks).....	23,314	23,071	243	7,490	1,327	6,163	5,856	116,515	397
November (5 weeks).....	23,316	23,039	277	7,586	1,286	6,300	5,280	113,229	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	388
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	8,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	388
July (4 weeks).....	22,893	22,637	256	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,532	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,803	390
April (4 weeks).....	23,932	23,685	247	7,971	1,411	6,560	7,331	114,057	403
March (5 weeks).....	23,659	23,415	244	7,777	1,520	6,257	7,286	122,362	393
February (4 weeks).....	24,206	23,936	270	8,377	1,634	6,743	7,385	119,100	408
January (4 weeks).....	24,169	23,909	260	7,913	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room June 23, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
May (4 weeks).....	24,841	24,570	271	7,825	1,196	6,629	4,229	133,669	405
April (5 weeks).....	24,849	24,603	296	7,957	1,165	6,792	5,216	140,920	402
March (4 weeks).....	25,654	25,372	282	8,348	1,298	7,050	6,326	140,999	414
February (4 weeks).....	25,353	25,087	268	8,198	1,295	6,903	7,547	144,012	436
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1980</b>			
May (4 weeks).....	68	53	300
April (5 weeks).....	69	54	310
March (4 weeks).....	69	60	321
February (4 weeks).....	66	60	322
January (5 weeks).....	66	60	326
<b>1979</b>			
December (4 weeks).....	66	56	302
November (4 weeks).....	66	59	305
October (5 weeks).....	68	58	314
September (4 weeks).....	69	56	311
August (4 weeks).....	66	56	300
July (5 weeks).....	68	59	305
June (4 weeks).....	67	60	296
May (4 weeks).....	66	55	297
April (5 weeks).....	65	62	289
March (4 weeks).....	68	62	296
February (4 weeks).....	64	61	288
January (5 weeks).....	66	67	295



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	MAY 1980		APRIL 1980		MAY 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	496,812	249,732	622,478	311,855	483,869	241,965
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	494,755	248,701	620,167	310,700	481,042	240,538
ALABAMA . . . . .	63,484	32,464	80,568	40,101	58,066	29,111
GEORGIA . . . . .	86,807	44,551	113,647	57,306	90,968	45,314
NORTH CAROLINA . . . . .	179,857	89,425	216,930	109,208	169,501	84,554
SOUTH CAROLINA . . . . .	122,750	61,644	155,664	77,885	122,200	61,400
TENNESSEE . . . . .	10,398	5,042	12,928	6,253	9,477	4,620
TEXAS . . . . .	4,294	2,145	5,805	2,894	4,480	2,281
VIRGINIA . . . . .	16,991	8,529	20,890	10,386	16,174	8,087
OTHER STATES. . . . .	10,174	4,901	13,735	6,667	10,156	5,171
NEW ENGLAND. . . . .	1,870	933	1,995	990	2,503	1,260
REST OF UNITED STATES. . . . .	187	98	316	165	324	167
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	491,393	247,056	615,074	308,196	478,326	239,218
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	18,711	9,209	23,493	11,574	25,205	12,609
1 INCH AND 1-1/32 INCH STAPLES. . . . .	131,192	65,117	169,519	83,962	122,293	61,294
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	302,114	152,197	371,541	185,127	290,461	145,164
STAPLES LONGER THAN 1-3/32 INCH . . . . .	28,745	14,294	38,108	19,055	28,026	13,999
STAPLES NOT SPECIFIED BY KIND . . . . .	10,631	6,239	12,413	8,478	12,341	6,154
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	5,071	2,518	6,953	3,452	5,281	2,628
FOREIGN COTTON, TOTAL. . . . .	348	158	451	207	262	119
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	348	158	451	207	262	119
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	156,493	(X)	198,925	(X)	156,296
RAYON AND ACETATE . . . . .	(X)	23,919	(X)	29,130	(X)	25,060
NYLON . . . . .	(X)	8,595	(X)	13,627	(X)	9,854
ACRYLIC AND MODACRYLIC. . . . .	(X)	17,111	(X)	20,600	(X)	13,888
POLYESTER . . . . .	(X)	105,671	(X)	133,997	(X)	106,068
OTHER MANMADE FIBER . . . . .	(X)	1,197	(X)	1,571	(X)	1,426

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for May and 25 for April.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for May or April 1980; 27,256 for May 1979.

TABLE 1. SALES OF COTTON AND MANMADE FIBER STAPLE FOLD BY CONSUMER ESTABLISHMENTS

QUANTITY IN THOUSANDS OF POUNDS

AREA, STATE, AND TYPE OF ESTABLISHMENT	MAY 1987		APRIL 1987		MAY 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN TOTAL	1,101,001	581,473	1,101,251	586,008	1,065,848	532,392
U.S. DOMESTIC	1,074,478	578,218	1,111,709	582,589	1,060,400	529,703
U.S. DOMESTIC - BY STATE						
Alabama	100,000	51,000	100,000	50,000	100,000	50,000
Arkansas	100,000	51,000	100,000	50,000	100,000	50,000
California	100,000	51,000	100,000	50,000	100,000	50,000
Colorado	100,000	51,000	100,000	50,000	100,000	50,000
Connecticut	100,000	51,000	100,000	50,000	100,000	50,000
Delaware	100,000	51,000	100,000	50,000	100,000	50,000
District of Columbia	100,000	51,000	100,000	50,000	100,000	50,000
Florida	100,000	51,000	100,000	50,000	100,000	50,000
Georgia	100,000	51,000	100,000	50,000	100,000	50,000
Idaho	100,000	51,000	100,000	50,000	100,000	50,000
Illinois	100,000	51,000	100,000	50,000	100,000	50,000
Indiana	100,000	51,000	100,000	50,000	100,000	50,000
Iowa	100,000	51,000	100,000	50,000	100,000	50,000
Kansas	100,000	51,000	100,000	50,000	100,000	50,000
Kentucky	100,000	51,000	100,000	50,000	100,000	50,000
Louisiana	100,000	51,000	100,000	50,000	100,000	50,000
Maine	100,000	51,000	100,000	50,000	100,000	50,000
Maryland	100,000	51,000	100,000	50,000	100,000	50,000
Massachusetts	100,000	51,000	100,000	50,000	100,000	50,000
Michigan	100,000	51,000	100,000	50,000	100,000	50,000
Minnesota	100,000	51,000	100,000	50,000	100,000	50,000
Mississippi	100,000	51,000	100,000	50,000	100,000	50,000
Missouri	100,000	51,000	100,000	50,000	100,000	50,000
Montana	100,000	51,000	100,000	50,000	100,000	50,000
Nebraska	100,000	51,000	100,000	50,000	100,000	50,000
Nevada	100,000	51,000	100,000	50,000	100,000	50,000
New Hampshire	100,000	51,000	100,000	50,000	100,000	50,000
New Jersey	100,000	51,000	100,000	50,000	100,000	50,000
New Mexico	100,000	51,000	100,000	50,000	100,000	50,000
New York	100,000	51,000	100,000	50,000	100,000	50,000
North Carolina	100,000	51,000	100,000	50,000	100,000	50,000
North Dakota	100,000	51,000	100,000	50,000	100,000	50,000
Ohio	100,000	51,000	100,000	50,000	100,000	50,000
Oklahoma	100,000	51,000	100,000	50,000	100,000	50,000
Oregon	100,000	51,000	100,000	50,000	100,000	50,000
Pennsylvania	100,000	51,000	100,000	50,000	100,000	50,000
Rhode Island	100,000	51,000	100,000	50,000	100,000	50,000
South Carolina	100,000	51,000	100,000	50,000	100,000	50,000
South Dakota	100,000	51,000	100,000	50,000	100,000	50,000
Tennessee	100,000	51,000	100,000	50,000	100,000	50,000
Texas	100,000	51,000	100,000	50,000	100,000	50,000
Utah	100,000	51,000	100,000	50,000	100,000	50,000
Vermont	100,000	51,000	100,000	50,000	100,000	50,000
Virginia	100,000	51,000	100,000	50,000	100,000	50,000
Washington	100,000	51,000	100,000	50,000	100,000	50,000
West Virginia	100,000	51,000	100,000	50,000	100,000	50,000
Wisconsin	100,000	51,000	100,000	50,000	100,000	50,000
Wyoming	100,000	51,000	100,000	50,000	100,000	50,000
Foreign	26,523	13,255	89,542	43,419	105,448	52,689
Canada	10,000	5,000	10,000	5,000	10,000	5,000
Central America	10,000	5,000	10,000	5,000	10,000	5,000
South America	10,000	5,000	10,000	5,000	10,000	5,000
Europe	10,000	5,000	10,000	5,000	10,000	5,000
Asia	10,000	5,000	10,000	5,000	10,000	5,000
Africa	10,000	5,000	10,000	5,000	10,000	5,000
Oceania	10,000	5,000	10,000	5,000	10,000	5,000
Other	10,000	5,000	10,000	5,000	10,000	5,000
Foreign - BY COUNTRY						
Canada	10,000	5,000	10,000	5,000	10,000	5,000
Central America	10,000	5,000	10,000	5,000	10,000	5,000
South America	10,000	5,000	10,000	5,000	10,000	5,000
Europe	10,000	5,000	10,000	5,000	10,000	5,000
Asia	10,000	5,000	10,000	5,000	10,000	5,000
Africa	10,000	5,000	10,000	5,000	10,000	5,000
Oceania	10,000	5,000	10,000	5,000	10,000	5,000
Other	10,000	5,000	10,000	5,000	10,000	5,000
Foreign - BY TYPE OF ESTABLISHMENT						
Textile mills	10,000	5,000	10,000	5,000	10,000	5,000
Other textile establishments	10,000	5,000	10,000	5,000	10,000	5,000
Other consumer establishments	10,000	5,000	10,000	5,000	10,000	5,000

Note: Cotton - sales are spinning sales except that imports are in 500 lbs. equivalent gross sales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

Revised by 5 percent or more from previously published figures. (X) Not applicable.

Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	MAY 31, 1950	MAY 3, 1950	JUNE 2, 1950
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	3,129,240	4,183,947	4,172,440
BY AREA AND STATE:			
COTTON-GROWING STATES . . . . .	3,129,240	4,183,765	4,173,567
ALABAMA . . . . .	114,730	113,735	114,335
ARIZONA . . . . .	111,347	111,810	111,740
ARKANSAS . . . . .	81,287	118,819	124,121
CALIFORNIA . . . . .	787,460	947,336	989,473
GEORGIA . . . . .	100,263	113,115	130,533
LOUISIANA . . . . .	54,733	131,830	133,871
MISSISSIPPI . . . . .	143,474	140,347	140,100
MISSOURI . . . . .	10,700	13,347	32,370
NEW MEXICO . . . . .	0	0	0
NORTH CAROLINA . . . . .	181,114	240,469	133,131
OKLAHOMA . . . . .	0	0	0
SOUTH CAROLINA . . . . .	143,114	113,133	104,433
TENNESSEE . . . . .	0	0	0
TEXAS . . . . .	1,144,734	1,347,114	1,737,140
VIRGINIA . . . . .	0	0	0
OTHER STATES . . . . .	117,773	134,333	144,330
NEW ENGLAND . . . . .	0	0	0
REST OF UNITED STATES . . . . .	0	0	0
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	3,129,240	4,183,940	4,183,235
AMERICAN-PIMA, SEA ISLAND AND OTHER DOMESTIC COTTON . . . . .	14,144	17,430	33,200
FOREIGN COTTON, TOTAL (2) . . . . .	1,113	1,735	1,205
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	1,114	1,634	0
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .	0	0	0

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other states in the same area to avoid disclosing figures for individual companies.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of ports or held for transshipment to other countries. The quantities of such cotton in 500 lb. equivalent gross weight bales reported in Mar. 31, 1950.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	MAY 1950	APRIL 1950	MAY 1949
CONSUMPTION, TOTAL . . . . .	RUN. BALES	71,414	41,434	71,414
BLEACHERS:- RUNNING BALES . . . . .	DO	61,414	31,414	61,414
GROSS WEIGHT . . . . .	M. LBS.	18,111	14,111	18,111
OTHER CONSUMERS . . . . .	RUN. BALES	10,000	10,020	10,000
PACIFIC AND MOUNTAIN STATES . . . . .	DO	1,557	1,557	1,555
ALL OTHER STATES . . . . .	DO	8,443	8,463	8,445
STOCKS, TOTAL (END OF PERIOD) . . . . .	RUN. BALES	185,440	173,440	187,573
BLEACHERS:- RUNNING BALES . . . . .	DO	141,144	133,144	133,630
GROSS WEIGHT . . . . .	M. LBS.	40,411	34,311	40,411
OTHER CONSUMERS . . . . .	RUN. BALES	44,300	40,296	53,943
PACIFIC AND MOUNTAIN STATES . . . . .	DO	3,411	3,411	3,411
ALL OTHER STATES . . . . .	DO	40,889	36,885	50,532
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	7,140	7,140	7,140
PACIFIC AND MOUNTAIN STATES . . . . .	DO	7,140	7,140	7,140
ALL OTHER STATES . . . . .	DO	0	0	0
OIL MILLS (1) . . . . .	DO	41,440	33,314	74,714

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Estimated number of running bales based on information reported in (1).

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
ACTIVE SPINDLES MAY 1980				
UNITED STATES, TOTAL . . . . .	17,274	6,381	2,166	7,658
COTTON GROWING STATES . . . . .	17,005	6,338	2,124	7,643
ALABAMA . . . . .	1,699	763	137	744
GEORGIA . . . . .	1,935	904	131	818
NORTH CAROLINA . . . . .	5,845	2,589	816	2,073
SOUTH CAROLINA . . . . .	6,235	1,493	950	3,455
TENNESSEE . . . . .	421	286	(D)	71
TEXAS . . . . .	157	26	28	(D)
VIRGINIA . . . . .	529	146	(D)	(D)
OTHER STATES . . . . .	184	131	-	48
NEW ENGLAND . . . . .	269	43	42	15
REST OF UNITED STATES . . . . .				
ACTIVE SPINDLES APRIL 1980				
UNITED STATES, TOTAL . . . . .	17,281	6,363	2,226	7,692
COTTON GROWING STATES . . . . .	17,012	6,321	2,184	7,676
ALABAMA . . . . .	1,698	761	143	748
GEORGIA . . . . .	1,938	912	127	812
NORTH CAROLINA . . . . .	5,842	2,550	875	2,095
SOUTH CAROLINA . . . . .	6,243	1,510	956	3,454
TENNESSEE . . . . .	421	287	(D)	74
TEXAS . . . . .	157	26	29	(D)
VIRGINIA . . . . .	529	147	(D)	360
OTHER STATES . . . . .	184	128	-	(D)
NEW ENGLAND . . . . .	269	42	42	16
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
percent or more from previously published figures.

<sup>r</sup> Revised by 5

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
MAY 1980				
UNITED STATES, TOTAL . . . . .	8,091	3,296	999	3,796
COTTON GROWING STATES . . . . .	8,069	3,292	983	3,794
ALABAMA . . . . .	801	427	53	321
GEORGIA . . . . .	887	449	70	368
NORTH CAROLINA . . . . .	2,889	1,385	395	1,109
SOUTH CAROLINA . . . . .	2,833	735	416	1,682
TENNESSEE . . . . .	237	149	(D)	(D)
TEXAS . . . . .	70	(D)	14	(D)
VIRGINIA . . . . .	262	(D)	(D)	(D)
OTHER STATES . . . . .	90	67	-	23
NEW ENGLAND . . . . .	22	4	16	2
REST OF UNITED STATES . . . . .				
APRIL 1980				
UNITED STATES, TOTAL . . . . .	10,043	4,100	1,267	4,676
COTTON GROWING STATES . . . . .	10,016	4,096	1,247	4,673
ALABAMA . . . . .	983	528	72	383
GEORGIA . . . . .	1,097	567	77	453
NORTH CAROLINA . . . . .	3,496	1,681	516	1,299
SOUTH CAROLINA . . . . .	3,626	939	528	2,159
TENNESSEE . . . . .	302	197	(D)	(D)
TEXAS . . . . .	85	(D)	18	(D)
VIRGINIA . . . . .	310	(D)	(D)	(D)
OTHER STATES . . . . .	117	88	-	29
NEW ENGLAND . . . . .	27	4	20	3
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Withheld to avoid disclosing figures.

<sup>r</sup> Revised by 5 percent or more from previously published figures.

TABLE 8. CONSUMPTION, STOCKS, AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
MAY 1980					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION (1) . . . . .	BALES	496,812	359,980	103,409	33,423
STOCKS (1) . . . . .	BALES	1,101,002	781,899	247,730	71,373
MANMADE FIBER STAPLE: (2)					
CONSUMPTION . . . . .	M LBS	156,493	100,088	33,176	23,229
STOCKS . . . . .	M LBS	133,669	75,308	32,356	26,005
CELLULOSIC:					
CONSUMPTION . . . . .	M LBS	23,919	14,998	5,092	3,829
STOCKS . . . . .	M LBS	21,684	10,663	7,001	4,020
NONCELLULOSIC:					
CONSUMPTION . . . . .	M LBS	132,574	85,090	28,084	19,400
STOCKS . . . . .	M LBS	111,985	64,645	25,355	21,985
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,274	11,947	3,924	1,403
ACTIVE SPINDLE . . . . .	THOUSANDS	16,205	11,252	3,704	1,249
HOURS OPERATED . . . . .	MILLIONS	8,091	5,531	1,942	618
APRIL 1980					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION (1) . . . . .	BALES	622,478	445,600	133,405	43,473
STOCKS (1) . . . . .	BALES	1,132,251	798,268	261,062	72,921
MANMADE FIBER STAPLE: (2)					
CONSUMPTION . . . . .	M LBS	198,925	121,968	45,897	31,060
STOCKS . . . . .	M LBS	140,920	79,386	35,509	26,025
CELLULOSIC:					
CONSUMPTION . . . . .	M LBS	29,130	16,165	7,314	5,651
STOCKS . . . . .	M LBS	23,619	11,661	8,055	3,903
NONCELLULOSIC:					
CONSUMPTION . . . . .	M LBS	169,795	105,803	38,583	25,409
STOCKS . . . . .	M LBS	117,301	67,725	27,454	22,122
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,281	11,961	3,917	1,403
ACTIVE SPINDLE (3) . . . . .	THOUSANDS	16,281	<sup>r</sup> 11,316	3,718	<sup>r</sup> 1,247
HOURS OPERATED . . . . .	MILLIONS	10,043	6,876	2,360	807

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>2</sup>Represents consumption in mills with cotton system spindles.<sup>3</sup>The data for February and March for spindle activity by industry group have been revised as follows:

Item	Weaving mills	Yarn and thread mills	Other
FEBRUARY			
As published . . . . .	12,159	3,728	406
As revised . . . . .	11,321	3,729	1,254
MARCH			
As published . . . . .	12,176	3,731	415
As revised . . . . .	11,311	3,726	1,285

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters, thousand pounds for staple)

Country to which exported	April 1980	March 1980	Cotton season 9 months through April 1980
COTTON			
Total.....	916,231	3,932,325	9,423,748
Canada.....	21,865	28,267	209,945
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	29,662	32,379	204,716
Republic of Philippines.....	9,031	14,803	75,873
Republic of Korea.....	117,792	145,401	971,188
China-Taiwan.....	114,254	82,941	459,773
Japan.....	135,173	197,678	1,160,576
Other countries.....	488,454	3,430,856	6,341,677
LINTERS			
Total.....	16,860	29,329	194,865
Canada.....	2,509	3,551	39,392
Mexico.....	357	4,468	6,269
United Kingdom.....	138	232	1,841
Federal Republic of Germany.....	5,540	7,099	51,662
Japan.....	6,559	8,853	71,744
Other countries.....	1,757	5,726	23,957
MANMADE FIBER STAPLE AND TOW			
Total.....	67,463	68,222	643,555
Canada.....	5,508	7,344	70,800
Brazil.....	320	576	4,612
United Kingdom.....	3,393	3,371	24,864
Netherlands.....	312	1,444	9,622
Belgium.....	3,272	3,317	26,998
Federal Republic of Germany.....	1,504	4,173	17,536
Switzerland.....	274	3,641	4,713
U.S.S.R.....	-	624	2,822
Hong Kong.....	3,242	2,665	28,663
Japan.....	936	477	11,553
Australia.....	1,260	1,410	18,452
Other countries.....	47,442	39,178	422,918

Note: Includes Schedule B numbers as follows. Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; manmade fiber staple, numbers, 3094219, 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247; and tow numbers 3093220, 3093240, 3093250, and prior to April 1980, 3093270.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 480-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	April 1980	March 1980	Cotton season 9 months through April 1980
COTTON			
Total.....	969	857	4,086
Mexico.....	-	-	2,103
Peru.....	-	-	156
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	389	389	778
Sudan.....	-	-	-
Other countries.....	580	468	1,049
LINTERS			
Total.....	38,010	12,917	87,865
Mexico <sup>1</sup> .....	14,043	1,328	32,554
Brazil.....	13,069	1,342	29,405
Other countries.....	10,898	10,247	25,898
MANMADE FIBER STAPLE AND TOW			
Total.....	2,384	1,983	16,700
Canada.....	419	427	2,026
United Kingdom.....	41	14	381
France.....	-	-	90
Federal Republic of Germany.....	821	487	6,507
Austria.....	80	110	653
Switzerland.....	-	-	-
Italy.....	40	30	359
Japan.....	567	408	2,894
Other countries.....	416	506	3,790

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Equivalent 580 lb. gross weight bales for Mexico linters.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON  
(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	86.9	84.3	84.8
Stock, August 1.....	21.5	24.4	20.7
Production.....	65.4	59.9	64.1
Distribution.....	86.6	84.4	85.5
Consumption.....	65.0	62.9	61.1
Stocks, July 31.....	21.6	21.5	24.4
Difference <sup>1</sup> .....	-0.3	+0.1	+0.7

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, **Cotton and Linters in Public Storage and Compresses**, and M22P, **Cotton, Manmade Fiber Staple, and Raw Linters**. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 4
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going

into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *"Direct" vs "Total" Commodity Export and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. *Geographic Area of Coverage*—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipments) data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

# **CONTACTS FOR DATA USERS**

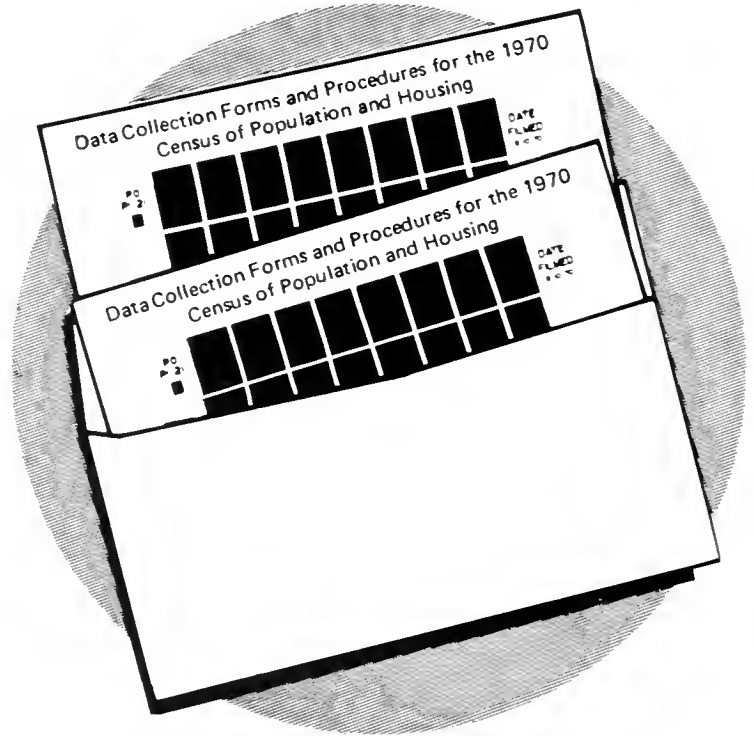
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<i>Current Industrial Reports</i>					
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M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
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3. 158:

# Consumption on the Cotton System



M 22 P (80) - 11

JUNE 1980

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M22P(80)-11  
Issued August 1980

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
June (4 weeks).....	23,520	23,272	248	7,238	1,157	6,081	4,749	135,324	364
May (4 weeks).....	23,974	23,734	240	7,442	1,133	6,309	4,924	133,995	386
April (5 weeks).....	24,609	24,335	274	7,698	1,155	6,543	5,211	135,370	391
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,229	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
1979									
December (4 weeks).....	23,513	23,268	245	7,557	1,196	6,361	5,915	138,480	380
November (4 weeks).....	23,575	23,339	236	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	23,878	233	7,862	1,239	6,623	4,987	144,952	400
September (4 weeks).....	24,440	24,189	251	7,755	1,196	6,559	4,951	149,892	398
August (4 weeks).....	23,406	23,158	248	7,527	1,192	6,335	5,217	150,792	391
July (5 weeks).....	24,208	23,962	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,948	143,282	389
May (4 weeks).....	23,519	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,936	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,940	257	7,568	1,315	6,253	6,193	130,218	405
February (4 weeks).....	22,738	22,496	242	7,359	1,286	6,073	6,080	125,801	386
January (5 weeks).....	23,499	23,234	265	7,655	1,424	6,231	6,086	117,342	395
1978									
December (4 weeks).....	23,314	23,071	243	7,490	1,327	6,163	5,856	116,515	397
November (5 weeks).....	23,316	23,039	277	7,586	1,286	6,300	5,280	113,229	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	388
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	8,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	388
July (4 weeks).....	22,893	22,637	256	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,532	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,803	390
April (4 weeks).....	23,932	23,685	247	7,971	1,411	6,560	7,331	114,057	403
March (5 weeks).....	23,659	23,415	244	7,777	1,520	6,257	7,286	122,362	393
February (4 weeks).....	24,206	23,936	270	8,377	1,634	6,743	7,385	119,100	408
January (4 weeks).....	24,169	23,909	260	7,913	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room July 23, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED,  
AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated, total <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton, total (1,000 running bales)	Manmade fiber staple, total (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
June (4 weeks).....	23,783	23,528	255	7,403	1,182	6,221	3,358	134,783	372
May (4 weeks).....	24,781	24,518	263	7,811	1,205	6,606	4,225	133,995	403
April (5 weeks).....	24,899	24,603	296	7,957	1,165	6,792	5,216	140,920	402
March (4 weeks).....	25,654	25,372	282	8,348	1,298	7,050	6,326	140,999	414
February (4 weeks).....	25,353	25,087	268	8,198	1,295	6,903	7,547	144,012	436
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
June (4 weeks).....	66	55	288
May (4 weeks).....	68	53	299
April (5 weeks).....	69	54	310
March (4 weeks).....	69	60	321
February (4 weeks).....	66	60	322
January (5 weeks).....	66	60	326
1979			
December (4 weeks).....	66	56	302
November (4 weeks).....	66	59	305
October (5 weeks).....	68	58	314
September (4 weeks).....	69	56	311
August (4 weeks).....	66	56	300
July (5 weeks).....	68	59	305
June (4 weeks).....	67	60	296
May (4 weeks).....	66	55	297
April (5 weeks).....	65	62	289
March (4 weeks).....	68	62	296
February (4 weeks).....	64	61	288
January (5 weeks).....	66	67	295



TABLE 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

AREA, STATE, AND TYPE OF MATERIAL	JUNE 1980		MAY 1980		JUNE 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL (1) . . . . .	475,651	238,574	495,618	248,950	489,086	244,510
BY AREA AND STATE:						
COTTON GROWING STATES. . . . .	474,302	237,893	493,870	248,074	486,539	243,220
ALABAMA . . . . .	56,577	28,528	63,201	31,587	61,972	30,947
GEORGIA . . . . .	83,005	41,751	86,177	44,246	89,158	44,321
NORTH CAROLINA . . . . .	175,182	86,940	179,661	89,778	176,377	88,180
SOUTH CAROLINA . . . . .	117,233	58,855	122,565	61,435	120,067	60,320
TENNESSEE . . . . .	9,806	4,728	10,398	5,042	9,019	4,412
TEXAS . . . . .	4,256	2,128	4,294	2,145	4,219	2,151
VIRGINIA . . . . .	16,550	8,245	16,991	8,529	15,263	7,650
OTHER STATES. . . . .	11,693	6,718	10,583	5,312	10,464	5,239
NEW ENGLAND. . . . .	1,110	557	1,563	780	2,183	1,105
REST OF UNITED STATES. . . . .	239	124	185	96	364	185
BY TYPE OF COTTON:						
AMERICAN UPLAND, TOTAL . . . . .	470,556	236,051	490,360	246,336	483,541	241,741
STAPLE LESS THAN 1 INCH IN LENGTH . . . . .	17,339	8,410	18,493	9,121	24,670	12,183
1 INCH AND 1-1/32 INCH STAPLES. . . . .	119,390	59,117	131,082	65,067	128,331	64,123
1-1/16 INCH AND 1-3/32 INCH STAPLES . . . . .	295,873	147,403	300,698	150,603	288,719	144,495
STAPLES LONGER THAN 1-3/32 INCH . . . . .	27,496	13,710	29,356	14,622	29,491	14,813
STAPLES NOT SPECIFIED BY KIND . . . . .	10,458	7,411	10,731	6,923	12,330	6,127
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	4,952	2,453	5,065	2,519	5,275	2,640
FOREIGN COTTON, TOTAL. . . . .	143	70	193	95	270	129
STAPLE LENGTH 1-1/8 INCH OR MORE. . . . .	143	70	193	95	270	129
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .						
MANMADE FIBER STAPLE (1) (2) . . . . .	(X)	148,049	(X)	156,235	(X)	153,932
RAYON AND ACETATE . . . . .	(X)	23,632	(X)	24,106	(X)	25,994
NYLON . . . . .	(X)	7,348	(X)	8,502	(X)	10,881
ACRYLIC AND MODACRYLIC. . . . .	(X)	15,111	(X)	17,008	(X)	13,933
POLYESTER . . . . .	(X)	100,559	(X)	105,393	(X)	101,830
OTHER MANMADE FIBER . . . . .	(X)	1,399	(X)	1,226	(X)	1,294

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for June and 20 for May.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for May or April 1980; 27,256 for May 1979.

TABLE 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMER ESTABLISHMENTS  
(QUANTITY IN THOUSANDS OF POUNDS)

AREA, STATE, AND TYPE OF MATERIAL	JUNE 1980		MAY 1980		JUNE 1979	
	BALES	1,000 POUNDS	BALES	1,000 POUNDS	BALES	1,000 POUNDS
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	1,011,150	505,415	1,098,678	549,995	969,243	484,295
BY AREA AND STATE:						
COTTON-GROWING STATES . . . . .	1,005,225	502,503	1,092,141	546,769	962,168	480,803
ALABAMA . . . . .	132,884	65,599	163,297	81,327	121,330	60,290
CALIFORNIA . . . . .	123,774	63,515	128,019	65,741	129,986	65,194
GEORGIA . . . . .	315,936	157,498	335,003	166,806	309,078	153,830
NORTH CAROLINA . . . . .	365,416	182,935	393,290	196,975	334,712	168,191
SOUTH CAROLINA . . . . .	32,478	15,982	35,611	17,473	27,870	13,555
TENNESSEE . . . . .	9,147	4,547	9,785	4,909	10,148	5,120
TEXAS . . . . .	16,750	8,359	17,366	8,658	17,290	8,669
VIRGINIA . . . . .	8,840	4,068	9,770	4,880	11,754	5,954
OTHER STATES . . . . .						
NEW ENGLAND . . . . .	5,536	2,727	6,117	3,024	6,588	3,254
REST OF UNITED STATES . . . . .	389	185	420	202	487	238
BY TYPE OF COTTON:						
AMERICAN UPLAND . . . . .	992,142	496,545	1,078,314	539,961	954,254	476,924
AMERICAN-PIMA, SEA ISLAND, AND OTHER DOMESTIC COTTON . . . . .	16,562	8,225	<sup>r</sup> 18,073	<sup>r</sup> 8,969	13,064	6,494
FOREIGN COTTON, TOTAL . . . . .	1,446	645	<sup>r</sup> 2,291	<sup>r</sup> 1,065	1,925	877
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	1,446	645	<sup>r</sup> 2,291	<sup>r</sup> 1,065	890	437
STAPLE LENGTH UNDER 1-1/8 INCH . . . . .					1,035	440
MANMADE FIBER STAPLE (1) . . . . .	(X)	134,783	(X)	133,995	(X)	142,709
RAYON AND ACETATE . . . . .	(X)	17,983	(X)	21,224	(X)	24,970
NYLON . . . . .	(X)	6,153	(X)	7,078	(X)	9,066
ACRYLIC AND MODACRYLIC . . . . .	(X)	18,901	(X)	14,852	(X)	16,890
POLYESTER . . . . .	(X)	91,154	(X)	90,224	(X)	90,829
OTHER MANMADE FIBER . . . . .	(X)	592	(X)	<sup>r</sup> 617	(X)	954

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

TABLE 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES  
(COTTON: RUNNING BALES EXCEPT THAT IMPORTS ARE IN 500 LBS. EQUIVALENT GROSS BALES)

AREA, STATE, AND TYPE OF MATERIAL	JUNE 28, 1980	MAY 31, 1980	JUNE 30, 1979
DOMESTIC AND FOREIGN COTTON, TOTAL . . . . .	2,338,931	3,126,266	3,278,324
BY AREA AND STATE:			
COTTON-GROWING STATES. . . . .	2,338,868	3,126,195	3,278,243
ALABAMA . . . . .	72,773	104,730	90,599
ARIZONA . . . . .	137,434	179,317	200,123
ARKANSAS . . . . .	59,445	79,658	120,986
CALIFORNIA . . . . .	592,759	757,460	373,140
GEORGIA . . . . .	92,151	100,758	130,333
LOUISIANA . . . . .	50,604	84,753	97,895
MISSISSIPPI . . . . .	94,456	148,979	260,907
MISSOURI . . . . .	7,385	12,720	35,811
NEW MEXICO . . . . .	(1)	(1)	(1)
NORTH CAROLINA . . . . .	127,784	152,074	111,539
OKLAHOMA . . . . .	(1)	(1)	(1)
SOUTH CAROLINA . . . . .	179,298	193,201	178,152
TENNESSEE . . . . .	(1)	(1)	(1)
TEXAS . . . . .	739,206	1,094,772	1,364,968
VIRGINIA . . . . .	-	-	-
OTHER STATES . . . . .	185,573	217,773	313,790
NEW ENGLAND . . . . .			
REST OF UNITED STATES . . . . .	63	71	81
BY TYPE OF COTTON:			
AMERICAN UPLAND . . . . .	2,313,464	3,094,718	3,233,038
AMERICAN-PIMA, SEA ISLAND AND OTHER			
DOMESTIC COTTON . . . . .	24,364	29,233	42,081
FOREIGN COTTON, TOTAL (2). . . . .	1,103	2,315	3,205
STAPLE LENGTH 1-1/8 INCH OR MORE . . . . .	(D)	(D)	(D)
STAPLE LENGTH UNDER 1-1/8 INCH. . . . .	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other states in the same area to avoid disclosing figures for individual companies.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton in 500 lb. equivalent gross weight bales reported on June 28, 1980.

TABLE 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

CONSUMER OR WAREHOUSE	UNIT OF MEASURE	JUNE 1980	MAY 1980	JUNE 1979
CONSUMPTION, TOTAL . . . . .	RUN. BALES	75,841	72,525	80,476
BLEACHERS:- RUNNING BALES . . . . .	DO	64,970	61,476	66,239
GROSS WEIGHT. . . . .	M. LBS.	40,873	38,101	41,118
OTHER CONSUMERS . . . . .	RUN. BALES	10,871	11,049	14,237
PACIFIC AND MOUNTAIN STATES. . . . .	DO	2,399	2,580	2,619
ALL OTHER STATES . . . . .	DO	8,472	8,469	11,618
STOCKS, TOTAL ( END OF PERIOD ). . . . .	RUN. BALES	286,601	287,069	230,187
BLEACHERS:- RUNNING BALES . . . . .	DO	157,076	160,299	128,102
GROSS WEIGHT. . . . .	M. LBS.	94,159	96,933	80,240
OTHER CONSUMERS . . . . .	RUN. BALES	24,786	26,629	27,169
PACIFIC AND MOUNTAIN STATES. . . . .	DO	4,216	4,229	3,537
ALL OTHER STATES . . . . .	DO	21,988	22,400	23,632
PUBLIC STORAGE AND COMPRESSES . . . . .	DO	7,736	7,380	4,544
PACIFIC AND MOUNTAIN STATES. . . . .	DO			
ALL OTHER STATES . . . . .	DO	7,736	7,380	4,544
OIL MILLS (1) . . . . .	DO	97,003	92,761	70,372

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

TABLE 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN  
(IN THOUSANDS)

AREA AND STATE	SPINDLES IN PLACE	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
ACTIVE SPINDLES JUNE 1980				
UNITED STATES, TOTAL . . . . .	17,283	6,303	2,568	7,666
COTTON GROWING STATES . . . . .	17,014	6,271	2,527	7,663
ALABAMA . . . . .	1,695	751	146	751
GEORGIA . . . . .	1,960	887	126	854
NORTH CAROLINA . . . . .	5,851	2,565	801	2,091
SOUTH CAROLINA . . . . .	6,224	1,485	935	3,441
TENNESSEE . . . . .	418	286	(D)	64
TEXAS . . . . .	157	26	28	(D)
VIRGINIA . . . . .	528	145	(D)	(D)
OTHER STATES . . . . .	181	126	-	47
NEW ENGLAND . . . . .	269	32	41	3
REST OF UNITED STATES . . . . .				
ACTIVE SPINDLES MAY 1980				
UNITED STATES, TOTAL . . . . .	17,276	6,368	2,133	7,685
COTTON GROWING STATES . . . . .	17,007	6,326	2,092	7,666
ALABAMA . . . . .	1,699	763	136	744
GEORGIA . . . . .	1,958	897	125	857
NORTH CAROLINA . . . . .	5,845	2,588	813	2,077
SOUTH CAROLINA . . . . .	6,219	1,493	929	3,437
TENNESSEE . . . . .	420	285	(D)	71
TEXAS . . . . .	157	26	28	(D)
VIRGINIA . . . . .	528	146	(D)	(D)
OTHER STATES . . . . .	181	128	-	47
NEW ENGLAND . . . . .	269	42	41	19
REST OF UNITED STATES . . . . .				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

TABLE 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(IN MILLIONS)

AREA AND STATE	TOTAL SPINDLE HOURS	100 PERCENT COTTON	100 PERCENT MANMADE FIBERS	OTHER FIBERS AND BLENDS
JUNE 1980				
UNITED STATES, TOTAL . . . . .	7,744	3,220	942	3,582
COTTON GROWING STATES . . . . .	7,718	3,210	928	3,580
ALABAMA . . . . .	782	390	50	342
GEORGIA . . . . .	853	419	65	369
NORTH CAROLINA . . . . .	2,766	1,401	361	1,004
SOUTH CAROLINA . . . . .	2,693	711	408	1,574
TENNESSEE . . . . .	218	145	(D)	(D)
TEXAS . . . . .	70	(D)	14	(D)
VIRGINIA . . . . .	248	(D)	(D)	(D)
OTHER STATES . . . . .	88	65	-	23
NEW ENGLAND . . . . .	26	10	14	2
REST OF UNITED STATES . . . . .				
MAY 1980				
UNITED STATES, TOTAL . . . . .	8,064	3,266	983	3,815
COTTON GROWING STATES . . . . .	8,045	3,264	968	3,813
ALABAMA . . . . .	822	427	54	341
GEORGIA . . . . .	874	430	66	378
NORTH CAROLINA . . . . .	2,901	1,399	393	1,109
SOUTH CAROLINA . . . . .	2,798	717	408	1,673
TENNESSEE . . . . .	236	148	(D)	(D)
TEXAS . . . . .	69	(D)	13	(D)
VIRGINIA . . . . .	261	(D)	(D)	(D)
OTHER STATES . . . . .	84	63	-	21
NEW ENGLAND . . . . .	19	2	15	2
REST OF UNITED STATES . . . . .				

- Represents zero.

(D) Withheld to avoid disclosing figures.

TABLE 8. CONSUMPTION, STOCKS, AND SPINDLE ACTIVITY ON THE COTTON SYSTEM  
BY INDUSTRY GROUPS

ITEM	UNIT OF MEASURE	ALL INDUSTRIES, TOTAL	WEAVING MILLS (SIC 221, 222, 223, AND 224)	YARNS AND THREAD MILLS (SIC 228)	ALL OTHER INDUSTRY GROUPS
JUNE 1980					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION (1) . . . . .	BALES	475,651	341,388	100,319	33,944
STOCKS (1) . . . . .	BALES	1,011,150	721,830	225,376	63,944
MANMADE FIBER STAPLE: (2)					
CONSUMPTION . . . . .	M LBS	148,049	96,549	30,382	21,118
STOCKS . . . . .	M LBS	134,783	76,669	31,977	26,137
CELLULOSIC:					
CONSUMPTION . . . . .	M LBS	23,632	15,474	4,380	3,778
STOCKS . . . . .	M LBS	17,983	8,840	6,059	3,084
NONCELLULOSIC:					
CONSUMPTION . . . . .	M LBS	124,417	81,075	26,002	17,340
STOCKS . . . . .	M LBS	116,800	67,829	25,918	23,053
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,283	11,948	3,928	1,407
ACTIVE SPINDLE . . . . .	THOUSANDS	16,537	11,579	3,705	1,253
HOURS OPERATED . . . . .	MILLIONS	7,744	5,232	1,877	635
MAY 1980					
DOMESTIC AND FOREIGN COTTON:					
CONSUMPTION (1) . . . . .	BALES	495,618	354,743	106,998	33,877
STOCKS (1) . . . . .	BALES	1,098,678	778,650	249,913	70,115
MANMADE FIBER STAPLE: (2)					
CONSUMPTION . . . . .	M LBS	156,235	100,137	33,064	23,034
STOCKS . . . . .	M LBS	133,995	75,991	32,247	25,757
CELLULOSIC:					
CONSUMPTION . . . . .	M LBS	24,106	15,233	5,031	3,842
STOCKS . . . . .	M LBS	21,224	10,380	6,817	4,027
NONCELLULOSIC:					
CONSUMPTION . . . . .	M LBS	132,129	84,904	28,033	19,192
STOCKS . . . . .	M LBS	112,771	65,611	25,430	21,730
SPINDLE ACTIVITY:					
SPINDLES IN PLACE . . . . .	THOUSANDS	17,276	11,947	3,923	1,406
ACTIVE SPINDLE (3) . . . . .	THOUSANDS	16,186	11,227	3,705	1,254
HOURS OPERATED . . . . .	MILLIONS	8,064	5,479	1,969	616

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.<sup>1</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.<sup>2</sup>Represents consumption in mills with cotton system spindles.<sup>3</sup>The data for February and March for spindle activity by industry group have been revised as follows:

Item	Weaving mills	Yarn and thread mills	Other
FEBRUARY			
As published.....	12,159	3,728	406
As revised.....	11,321	3,729	1,254
MARCH			
As published.....	12,176	3,731	415
As revised.....	11,311	3,726	1,285

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters; thousand pounds for staple)

Country to which exported	May 1980	April 1980	Cotton season 10 months through May 1980
<b>COTTON</b>			
Total.....	911,056	916,231	10,334,804
Canada.....	20,888	21,865	230,833
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	31,654	29,662	236,370
Republic of Philippines.....	21,005	9,031	96,878
Republic of Korea.....	152,689	117,792	1,123,877
China-Taiwan.....	90,714	114,254	550,487
Japan.....	123,024	135,173	1,283,600
Other countries.....	471,082	488,454	6,812,759
<b>LINTERS</b>			
Total.....	32,325	16,860	227,190
Canada.....	2,744	2,509	42,136
Mexico.....	3,706	357	9,975
United Kingdom.....	358	138	2,199
Federal Republic of Germany.....	6,019	5,540	57,681
Japan.....	13,034	6,559	84,778
Other countries.....	6,464	1,757	30,421
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	65,058	67,463	708,611
Canada.....	6,496	5,508	77,296
Brazil.....	713	320	5,325
United Kingdom.....	2,332	3,393	27,196
Netherlands.....	1,695	312	11,317
Belgium.....	3,639	3,272	30,637
Federal Republic of Germany.....	883	1,504	18,419
Switzerland.....	127	274	4,840
U.S.S.R.....	-	-	2,822
Hong Kong.....	4,518	3,242	33,181
Japan.....	829	936	12,382
Australia.....	966	1,260	19,418
Other countries.....	42,860	47,442	465,778

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; manmade fiber staple, numbers, 3094219, 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247; and tow numbers 3093220, 3093240, 3093250, and prior to April 1980, 3093270.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 480-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	May 1980	April 1980	Cotton season 10 months through May 1980
<b>COTTON</b>			
Total.....	151	969	4,237
Mexico.....	-	-	2,103
Peru.....	1	-	157
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	150	389	928
Sudan.....	-	-	-
Other countries.....	-	580	1,049
<b>LINTERS</b>			
Total.....	12,468	38,010	100,325
Mexico <sup>1</sup> .....	3,186	14,043	35,740
Brazil.....	9,282	13,069	38,687
Other countries.....	-	10,898	25,898
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	1,690	2,384	18,390
Canada.....	255	419	2,281
United Kingdom.....	46	41	427
France.....	26	-	116
Federal Republic of Germany.....	783	821	7,290
Austria.....	88	80	741
Switzerland.....	-	-	-
Italy.....	79	40	438
Japan.....	381	567	3,275
Other countries.....	32	416	3,822

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Equivalent 580 lb. gross weight bales for Mexico linters.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	86.9	84.3	84.8
Stock, August 1.....	21.5	24.4	20.7
Production.....	65.4	59.9	64.1
Distribution.....	86.6	84.4	85.5
Consumption.....	65.0	62.9	61.1
Stocks, July 31.....	21.6	21.5	24.4
Difference <sup>1</sup> .....	-0.3	+0.1	+0.7

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, **Cotton and Linters in Public Storage and Compresses**, and M22P, **Cotton, Manmade Fiber Staple, and Raw Linters**. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 4
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going

into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. **Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. **Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. **Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. **Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. **Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. **"Direct" vs "Total" Commodity Export and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. **Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. **Geographic Area of Coverage**—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipments) data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

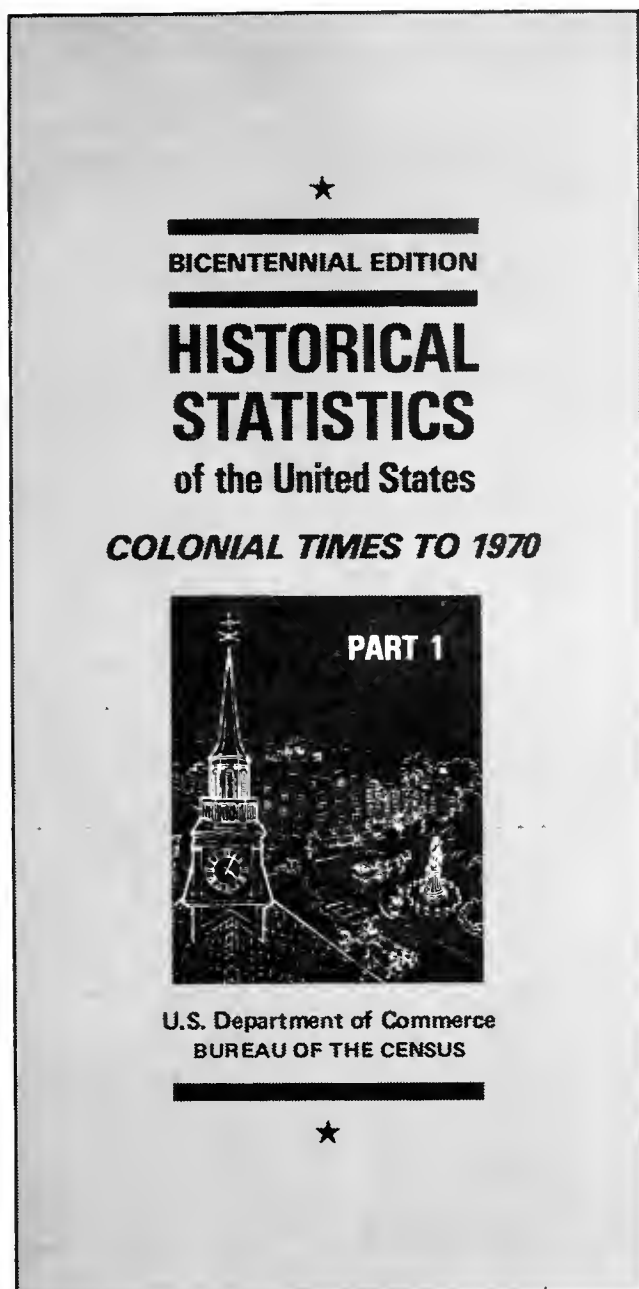
The Bureau of the Census also publishes reports on other related products as follows:

## CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Richard Hanks	(301) 763-7809
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule B—Commodity by Country	To order a Census Bureau publication	Subscriber Services Section (DUSD)	(301) 449-1600
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# Consumption on the Cotton System

JULY 1980

M22P(80)-12

Issued September 1980



U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton (1,000 running bales)	Manmade fiber staple (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
July (5 weeks).....	23,457	23,222	235	7,217	914	6,303	4,394	120,706	392
June (4 weeks).....	23,618	23,368	250	7,059	917	6,142	4,728	136,383	385
May (4 weeks).....	23,974	23,734	240	7,442	1,133	6,309	4,924	133,995	386
April (5 weeks).....	24,609	24,335	274	7,698	1,155	6,543	5,211	135,370	391
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,229	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
1979									
December (4 weeks).....	23,513	23,268	245	7,557	1,196	6,361	5,915	138,480	380
November (4 weeks).....	23,575	23,339	236	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	23,878	233	7,862	1,239	6,623	4,987	144,952	400
September (4 weeks).....	24,440	24,189	251	7,755	1,196	6,559	4,951	149,892	398
August (4 weeks).....	23,406	23,158	248	7,527	1,192	6,335	5,217	150,792	391
July (5 weeks).....	24,208	23,462	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,948	143,282	389
May (4 weeks).....	23,519	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,936	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,940	257	7,568	1,315	6,253	6,193	130,218	405
February (4 weeks).....	22,738	22,496	242	7,359	1,286	6,073	6,080	125,801	386
January (5 weeks).....	23,499	23,234	265	7,655	1,424	6,231	6,086	117,342	395
1978									
December (4 weeks).....	23,314	23,071	243	7,490	1,327	6,163	5,856	116,515	397
November (5 weeks).....	23,316	23,039	277	7,586	1,286	6,300	5,280	113,229	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	388
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	8,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	388
July (4 weeks).....	22,893	22,637	256	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,532	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,803	390
April (4 weeks).....	23,932	23,685	247	7,971	1,411	6,560	7,331	114,057	403
March (5 weeks).....	23,659	23,415	244	7,777	1,520	6,257	7,286	122,362	393
February (4 weeks).....	24,206	23,936	270	8,377	1,634	6,743	7,385	119,100	408
January (4 weeks).....	24,169	23,909	260	7,913	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room August 25, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

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Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END OF MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton (1,000 running bales)	Manmade fiber staple (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
July (5 weeks).....	19,546	19,344	202	6,155	785	5,370	2,777	120,947	33
June (4 weeks).....	23,883	23,625	258	7,220	937	6,283	3,343	135,837	39
May (4 weeks).....	24,781	24,518	263	7,811	1,205	6,606	4,225	133,995	40
April (5 weeks).....	24,899	24,603	296	7,957	1,165	6,792	5,216	140,920	40
March (4 weeks).....	25,654	25,372	282	8,348	1,298	7,050	6,326	140,999	41
February (4 weeks).....	25,353	25,087	268	8,198	1,295	6,903	7,547	144,012	43
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	40
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	35
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	39
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	41
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	39
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	39
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	33
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	39
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	41
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	39
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	41
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	39
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	40
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	36
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	39
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	40
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	38
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	39
July (4 weeks).....	19,169	18,951	218	6,306	1,139	5,170	4,926	110,298	32
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	40
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	40
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	41
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	40
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	41

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
July (5 weeks).....	66	43	299
June (4 weeks).....	67	43	291
May (4 weeks).....	68	53	299
April (5 weeks).....	69	54	310
March (4 weeks).....	69	60	321
February (4 weeks).....	66	60	322
January (5 weeks).....	66	60	326
1979			
December (4 weeks).....	66	56	302
November (4 weeks).....	66	59	305
October (5 weeks).....	68	58	314
September (4 weeks).....	69	56	311
August (4 weeks).....	66	56	300
July (5 weeks).....	68	59	305
June (4 weeks).....	67	60	296
May (4 weeks).....	66	55	297
April (5 weeks).....	65	62	289
March (4 weeks).....	68	62	296
February (4 weeks).....	64	61	288
January (5 weeks).....	66	67	295



Table 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, State, and type of material	July 1980		June 1980		July 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton <sup>1</sup> .....	488,642	244,200	477,659	237,722	503,177	251,570
By area and State:						
Cotton growing States.....	487,539	243,647	476,438	237,104	501,018	250,474
Alabama.....	61,034	30,894	59,136	28,248	61,779	30,952
Georgia.....	80,868	39,523	82,943	43,424	92,337	46,086
North Carolina.....	183,764	89,871	177,569	88,418	182,173	90,788
South Carolina.....	121,541	63,427	117,432	58,556	126,564	63,588
Tennessee.....	10,502	5,090	9,575	4,629	9,966	4,875
Texas.....	4,559	2,285	4,326	2,166	4,463	2,277
Virginia.....	16,826	8,430	16,612	7,790	14,490	7,270
Other States.....	8,445	4,127	8,845	3,873	9,246	4,638
New England.....	798	394	798	493	1,768	895
Rest of United States.....	305	159	240	125	391	201
By type of cotton:						
American upland.....	483,601	241,677	472,490	235,166	497,902	248,935
Staple less than 1 inch in length.....	14,750	7,323	17,076	8,431	25,727	12,780
1 inch and 1-1/32 inch staples.....	135,087	66,873	120,264	59,558	135,807	67,697
1-1/16 inch and 1-3/32 inch staples.....	292,338	146,706	296,598	148,576	293,065	146,695
Staples longer than 1-3/32 inch.....	31,021	15,369	28,449	14,187	29,411	14,810
Staples not specified by kind.....	10,405	5,396	10,103	4,414	13,892	6,953
American-Pima, Sea Island, and other domestic cotton..	4,814	2,411	5,026	2,486	4,981	2,498
Foreign cotton.....	227	112	143	70	294	137
Staple length 1-1/8 inch or more.....	227	112	143	70	294	137
Staple length under 1-1/8 inch.....						
Manmade fiber staple <sup>1 2</sup> .....	(X)	153,868	(X)	144,382	(X)	164,084
Rayon and acetate.....	(X)	19,614	(X)	18,732	(X)	26,940
Nylon.....	(X)	8,931	(X)	7,487	(X)	11,317
Acrylic and modacrylic.....	(X)	16,051	(X)	16,311	(X)	14,665
Polyester.....	(X)	107,961	(X)	100,445	(X)	109,938
Other manmade fiber.....	(X)	1,311	(X)	1,407	(X)	1,224

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for July and 20 for June.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for July 1980; 28,309 for June 1980; 26,491 for July 1979.

Table 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMER ESTABLISHMENTS

(Quantity in thousands of pounds)

Area, State, and type of material	July 1980		June 1980		July 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton.....	964,267	482,659	1,001,566	501,248	927,471	463,459
By area and State:						
Cotton-growing States.....	958,065	479,601	995,820	498,429	923,081	461,315
Alabama.....	152,603	75,917	132,716	65,626	120,337	59,718
California.....	116,177	59,076	124,163	63,391	128,751	64,557
Georgia.....	274,200	135,706	307,838	153,469	286,831	142,966
North Carolina.....	347,798	174,569	365,243	183,127	323,999	162,603
South Carolina.....	32,783	16,016	32,939	16,102	22,269	10,946
Tennessee.....	8,647	4,343	9,170	4,571	10,099	5,066
Texas.....	18,709	9,311	16,183	8,041	17,525	8,786
Virginia.....	7,148	4,663	7,568	4,102	13,270	6,673
Other States.....	5,819	2,876	5,358	2,635	3,880	1,891
New England.....	383	182	388	184	510	251
Rest of United States.....						
By type of cotton:						
American upland.....	948,744	475,111	984,753	493,040	910,204	455,001
American-Pima, Sea Island, and other domestic cotton...	14,197	6,963	15,367 <sup>r</sup>	7,563 <sup>r</sup>	15,442	7,631
Foreign cotton.....	1,326	585	1,446	645	1,825	82
Staple length 1-1/8 inch or more.....	1,326	585	1,446	645	808	39
Staple length under 1-1/8 inch.....					1,017	42
Manmade fiber staple <sup>1</sup> .....	(X)	120,947	(X)	135,837	(X)	147,12
Rayon and acetate.....	(X)	18,605	(X)	20,342 <sup>r</sup>	(X)	24,35
Nylon.....	(X)	6,191	(X)	6,138	(X)	10,35
Acrylic and modacrylic.....	(X)	14,620	(X)	16,676 <sup>r</sup>	(X)	16,92
Polyester.....	(X)	81,066	(X)	92,071	(X)	94,66
Other manmade fiber.....	(X)	465	(X)	610	(X)	83

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton: running bales except that imports are in 500 lbs. equivalent gross bales)

Area, State, and type of material	August 2, 1980	June 28, 1980	July 28, 1979
Domestic and foreign cotton.....	1,812,885	2,341,490	2,604,530
By area and State:			
Cotton-growing States.....	1,812,829	2,341,417	2,604,459
Alabama.....	55,743	77,694	73,076
Arizona.....	(1)	137,434	143,401
Arkansas.....	43,497	59,408	80,636
California.....	431,305	592,759	273,242
Georgia.....	85,786	93,985	117,961
Louisiana.....	20,773	50,604	59,089
Mississippi.....	57,359	94,383	185,160
Missouri.....	5,468	7,385	20,446
New Mexico.....	(1)	(1)	(1)
North Carolina.....	100,703	127,882	94,005
Oklahoma.....	(1)	(1)	(1)
South Carolina.....	163,815	179,298	156,914
Tennessee.....	(1)	(1)	(1)
Texas.....	606,333	735,022	1,135,656
Virginia.....	-	-	-
Other States.....	242,029	185,563	264,873
New England.....			
Rest of United States.....	56	63	71
By type of cotton:			
American upland.....	1,791,643	2,315,703	2,570,097
American-Pima, Sea Island, and other domestic cotton.....	20,852	24,684	31,776
Foreign cotton <sup>2</sup> .....	390	1,103	2,657
Staple length 1-1 8 inch or more.....	(D)	(D)	(D)
Staple length under 1-1 8 inch.....	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area to avoid disclosing figures for individual companies.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for trans-shipment to other countries. The quantities of such cotton in 500 lb. equivalent gross weight bales, reported on August 2, 1980, were withheld to avoid disclosing figures for individual companies.

Table 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	July 1980	June 1980	July 1979
Consumption.....	Run. bales...	52,279	75,837	53,690
Bleachers:				
Running bales.....	..do.....	40,748	65,002	38,962
Gross weight.....	M. lbs.....	25,261	40,781	24,521
Other consumers.....	Run. bales...	11,531	10,835	14,728
Pacific and mountain States.....	..do.....	2,762	2,393	3,261
All other States.....	..do.....	8,769	8,442	11,467
Stocks (end of period).....	Run. bales...	315,507	283,799	228,062
Bleachers:				
Running bales.....	..do.....	195,679	157,076	140,980
Gross weight.....	M. lbs.....	117,196	94,159	88,381
Other consumers.....	Run. bales...	25,435	24,704	26,250
Pacific and Mountain States.....	..do.....	3,053	3,120	3,557
All other States.....	..do.....	22,382	21,584	22,693
Public storage and compresses.....	..do.....	7,130	7,736	3,668
Pacific and Mountain States.....	..do.....			
All other States.....	..do.....	7,130	7,736	3,668
Oil mills <sup>1</sup> .....	..do.....	87,263	94,283	57,164

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Estimated number of running bales based on information reported in pounds.

Table 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and State	Spindles in place	100 percent cotton	100 percent manmade fibers	Other fibers and blends
ACTIVE SPINDLES JULY 1980				
United States.....	17,225	6,202	2,057	7,754
Cotton growing States.....	16,956	6,167	2,042	7,750
Alabama.....	1,697	745	135	758
Georgia.....	1,958	871	130	822
North Carolina.....	5,815	2,509	798	2,174
South Carolina.....	6,205	1,450	891	3,476
Tennessee.....	407	290	(D)	59
Texas.....	157	26	27	(D)
Virginia.....	535	148	(D)	(D)
Other States.....	182	128	-	44
New England.....	269	35	15	4
Rest of United States.....				
ACTIVE SPINDLES JUNE 1980				
United States.....	17,203	6,251	2,095	7,723
Cotton growing States.....	16,934	6,219	2,054	7,719
Alabama.....	1,695	749	146	754
Georgia.....	1,958	883	133	869
North Carolina.....	5,794	2,524	800	2,111
South Carolina.....	6,209	1,480	885	3,451
Tennessee.....	407	284	(D)	68
Texas.....	157	26	27	(D)
Virginia.....	529	146	(D)	(D)
Other States.....	185	127	-	48
New England.....	269	32	41	4
Rest of United States.....				

- Represent zero. (D) Data withheld to avoid disclosing figures for individual companies, by 5 percent or more from previously published figures.

<sup>r</sup> Revised

Table 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and State	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
JULY 1980				
United States.....	8,285	3,392	915	3,978
Cotton growing States.....	8,262	3,375	911	3,976
Alabama.....	815	435	53	327
Georgia.....	789	382	51	356
North Carolina.....	2,855	1,380	356	1,119
South Carolina.....	3,108	865	400	1,843
Tennessee.....	247	159	(D)	(D)
Texas.....	71	(D)	15	(D)
Virginia.....	270	(D)	(D)	(D)
Other States.....	107	81	-	26
New England.....	23	17	4	2
Rest of United States.....				
JUNE 1980				
United States.....	7,860	3,334	926	3,600
Cotton growing States.....	7,836	3,324	913	3,599
Alabama.....	774	386	<sup>r</sup> 54	334
Georgia.....	855	422	65	368
North Carolina.....	2,753	1,368	360	1,025
South Carolina.....	2,825	<sup>r</sup> 850	389	1,586
Tennessee.....	217	143	(D)	(D)
Texas.....	69	(D)	14	(D)
Virginia.....	242	(D)	(D)	(D)
Other States.....	<sup>r</sup> 101	<sup>r</sup> 82	-	19
New England.....	24	10	13	1
Rest of United States.....				

- Represents zero. (D) Withheld to avoid disclosing figures, previously published figures.

<sup>r</sup> Revised by 5 percent or more from

Table 8. CONSUMPTION, STOCKS, AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

Item	Unit of measure	All industries	Weaving mills (SIC 221, 222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
JULY 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	488,642	343,277	111,798	33,567
Stocks <sup>2</sup> .....	Bales.....	964,267	692,906	213,583	57,778
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	153,868	98,946	32,062	22,860
Stocks.....	M. lbs.....	120,947	69,743	28,994	22,210
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	19,614	12,113	4,167	3,334
Stocks.....	M. lbs.....	18,605	9,034	6,190	3,381
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	134,254	86,833	27,895	19,526
Stocks.....	M. lbs.....	102,342	60,709	22,804	18,829
Spindle activity:					
Spindles in place.....	Thousands....	17,225	11,922	3,906	1,397
Active spindle.....	Thousands....	16,013	11,099	3,692	1,222
Hours operated.....	Millions.....	8,285	5,708	1,947	630
JUNE 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	477,659	340,676	103,042	33,941
Stocks <sup>2</sup> .....	Bales.....	1,001,566	720,740	218,486	62,340
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	144,382	92,520	30,336	21,526
Stocks.....	M. lbs.....	135,837	78,106	32,664	25,067
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	<sup>r</sup> 18,732	<sup>r</sup> 11,233	<sup>r</sup> 3,939	<sup>r</sup> 3,560
Stocks.....	M. lbs.....	<sup>r</sup> 20,342	<sup>r</sup> 9,889	<sup>r</sup> 7,245	3,208
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	125,650	81,287	26,397	17,966
Stocks.....	M. lbs.....	115,495	68,217	25,419	21,859
Spindle activity:					
Spindles in place.....	Thousands....	17,203	11,922	3,884	1,397
Active spindle.....	Thousands....	16,069	11,146	3,670	1,253
Hours operated.....	Millions.....	7,860	5,310	1,905	645

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 25 for July, 20 for June.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters; thousand pounds for staple)

Country to which exported	June 1980	May 1980	Cotton season 11 months through June 1980
<b>COTTON</b>			
Total.....	686,095	911,056	<sup>1</sup> 8,239,000
Canada.....	21,572	20,888	252,405
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	32,931	31,654	269,301
Republic of Philippines.....	29,229	21,005	126,107
Republic of Korea.....	147,022	152,689	1,270,899
China-Taiwan.....	71,916	90,714	622,403
Japan.....	115,400	123,024	1,399,500
Other countries.....	261,525	471,082	<sup>1</sup> 4,298,385
<b>LINTERS</b>			
Total.....	35,967	32,325	263,157
Canada.....	2,864	2,744	46,000
Mexico.....	6,403	3,706	16,378
United Kingdom.....	1,281	358	3,480
Federal Republic of Germany.....	38	6,019	57,719
Japan.....	9,681	13,034	94,459
Other countries.....	3,200	6,464	33,621
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	72,993	65,058	781,604
Canada.....	6,326	6,496	83,622
Brazil.....	378	713	5,703
United Kingdom.....	940	2,332	28,136
Netherlands.....	672	1,695	11,989
Belgium.....	1,652	3,639	32,289
Federal Republic of Germany.....	956	883	19,375
Switzerland.....	67	127	4,907
U.S.S.R.....	165	-	2,987
Hong Kong.....	2,008	4,518	35,189
Japan.....	663	829	13,045
Australia.....	1,831	966	21,249
Other countries.....	57,335	42,860	523,113

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; manmade fiber staple, numbers, 3094219, 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247; and tow numbers 3093220, 3093240, 3093250, and prior to April 1980, 3093270.

- Represents zero.

<sup>1</sup>The data for March 1980, have been revised as follows: Total, as published, 3,932,325; as revised, 1,150,426. Other countries, as published, 3,430,856; as revised, 648,957.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS

(Equivalent 480-lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	June 1980	May 1980	Cotton season 11 months through June 1980
<b>COTTON</b>			
Total.....	41	151	4,401
Mexico.....	-	-	2,103
Peru.....	-	1	157
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	150	928
Sudan.....	-	-	-
Other countries.....	41	-	1,090
<b>LINTERS</b>			
Total.....	8,192	12,468	110,457
Mexico <sup>1</sup> .....	1,935	3,186	37,675
Brazil.....	5,853	9,282	44,528
Other countries.....	-	-	25,898
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	1,762	1,690	20,152
Canada.....	142	255	2,423
United Kingdom.....	82	46	509
France.....	34	26	150
Federal Republic of Germany.....	760	783	8,050
Austria.....	55	88	796
Switzerland.....	1	-	1
Italy.....	140	79	578
Japan.....	459	381	3,734
Other countries.....	89	32	3,911

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Equivalent 580 lb. gross weight bales for Mexico linters.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	86.9	84.3	84.8
Stock, August 1.....	21.5	24.4	20.7
Production.....	65.4	59.9	64.1
Distribution.....	86.6	84.4	85.5
Consumption.....	65.0	62.9	61.1
Stocks, July 31.....	21.6	21.5	24.4
Difference <sup>1</sup> .....	-0.3	+0.1	+0.7

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.

Table 12. SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1979 TO 1980

(The figure on the cotton "carry-over" in the United States as of August 2, 1980 is 3,027,152 bales, according to the Bureau of the Census, Department of Commerce. (Linters are not included.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere. Running bales, except imported cotton which is in equivalent 500-pound bales.)

Supply and distribution	Number of bales
SUPPLY	
Stocks, August 4, 1979 <sup>1</sup> .....	3,782,001
In consuming establishments.....	927,471
In public storage and at compresses.....	2,604,530
Elsewhere (partially estimated) <sup>2</sup> .....	250,000
Net import of foreign cotton <sup>3</sup> .....	4,401
Total imports for consumption.....	4,401
Less: Re-exports (other than withdrawals from bond for export).....	-
Ginnings, crop of 1979 during crop year 1979 to 1980 .....	14,189,628
Total ginnings, crop of 1979.....	14,261,922
Less: Ginnings prior to August 1, 1979.....	72,294
Ginnings, prior to August 1, 1980 crop of 1980.....	199,606
Aggregate supply.....	18,175,636
DISTRIBUTION	
Total exports <sup>3</sup> .....	8,854,462
Consumption, adjusted to calendar year.....	6,262,502
Stocks, August 2, 1980 <sup>1</sup> .....	3,027,152
In consuming establishments.....	964,267
In public storage and at compresses.....	1,812,885
Elsewhere (partially estimated) <sup>2</sup> .....	250,000
Aggregate distribution.....	18,144,116
Excess of reported supply over distribution.....	31,520

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other ports stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

<sup>3</sup>Figures for July imports and exports were estimated.

Table 13. SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1979 TO 1980

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>
SUPPLY	
Stocks, August 4, 1979.....	229,062
In consuming establishments.....	167,230
In public storage.....	3,668
In oil mills.....	57,164
Elsewhere (partially estimated).....	1,000
Imports <sup>2</sup> .....	110,457
Total imports for consumption <sup>1</sup> .....	110,457
Less: Re-exports.....	-
Production.....	1,129,239
Aggregate supply.....	1,468,758
DISTRIBUTION	
Exports <sup>2</sup> .....	280,151
Consumption.....	916,175
Stocks, August 2, 1980.....	316,507
In consuming establishments.....	221,114
In public storage.....	7,130
In oil mills (estimate).....	87,263
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,512,833
Excess of reported distribution over supply.....	44,075

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.

<sup>2</sup>Figures for July imports and exports were estimated.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, *Cotton and Linters in Public Storage and Compresses*, and M22P, *Cotton, Manmade Fiber Staple, and Raw Linters*. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 4
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going

into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. **Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. **Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. **Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. **Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. **Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. **"Direct" vs "Total" Commodity Exports and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct export and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. **Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. **Geographic Area of Coverage**—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipment data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in the series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

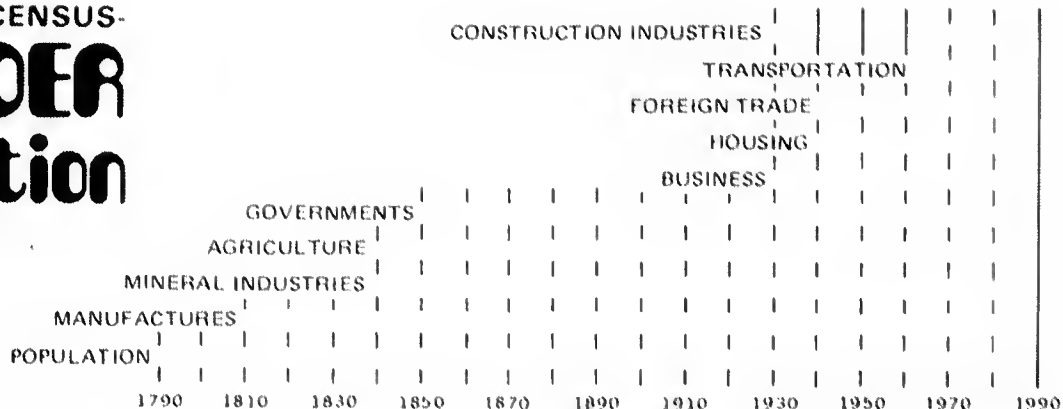
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<i>Foreign Trade Reports</i>		
<b>FT-410</b>	Monthly	U.S. Exports—Schedule B—Commodity by Country
<b>FT-135</b>	Monthly	U.S. General Imports—Schedule A—Commodity by Country

## CONTACTS FOR DATA USERS

<b>Subject Area</b>	<b>Contact</b>	<b>Phone Number</b>
Current Industrial Report M22P	Richard Hanks	(301) 763-7809
Foreign Trade publications	Juanita Noone	(301) 763-5140
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# Consumption on the Cotton System

AUGUST 1980

M22P(81)-1  
Issued October 1980U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and synthetic fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 11.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND SYNTHETIC FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated  (mil.)
	Cotton			Synthetic fibers			Cotton  (1,000 running bales)	Synthetic fiber staple  (1,000 pounds)	
	Total  (running bales)	Upland  (running bales)	Long staple <sup>2</sup>  (running bales)	Total  (1,000 pounds)	Cellulosic  (1,000 pounds)	Noncellulosic  (1,000 pounds)			
1980									
August (4 weeks).....	21,912	21,663	249	6,990	954	6,036	4,125	112,439	370
July (5 weeks).....	23,369	23,128	241	7,145	899	6,246	4,394	120,791	390
June (4 weeks).....	23,618	23,368	250	7,059	917	6,142	4,728	136,383	385
May (4 weeks).....	23,974	23,734	240	7,442	1,133	6,309	4,924	133,995	386
April (5 weeks).....	24,609	24,335	274	7,698	1,155	6,543	5,211	135,370	391
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,229	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
1979									
December (4 weeks).....	23,513	23,268	245	7,557	1,196	6,361	5,915	138,480	390
November (4 weeks).....	23,575	23,339	236	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	23,878	233	7,862	1,239	6,623	4,987	144,952	400
September (4 weeks).....	24,440	24,189	251	7,755	1,196	6,559	4,951	149,892	398
August (4 weeks).....	23,406	23,158	248	7,527	1,192	6,335	5,217	150,792	391
July (5 weeks).....	24,208	23,962	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,948	143,282	389
May (4 weeks).....	23,519	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,936	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,940	257	7,568	1,315	6,253	6,193	130,218	405
February (4 weeks).....	22,738	22,496	242	7,359	1,286	6,073	6,080	125,801	386
January (5 weeks).....	23,499	23,234	265	7,655	1,424	6,231	6,086	117,342	395
1978									
December (4 weeks).....	23,314	23,071	243	7,490	1,327	6,163	5,856	116,515	397
November (5 weeks).....	23,316	23,039	277	7,586	1,286	6,300	5,280	113,229	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	388
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	8,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	398
July (4 weeks).....	22,893	22,637	256	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,532	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,803	390
April (4 weeks).....	23,932	23,685	247	7,971	1,411	6,560	7,331	114,057	403
March (5 weeks).....	23,659	23,415	244	7,777	1,520	6,257	7,286	122,362	393
February (4 weeks).....	24,206	23,936	270	8,377	1,634	6,743	7,385	119,100	408
January (4 weeks).....	24,169	23,409	260	7,913	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room September 24, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

For sale by Customer Services (DUSD), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 30 cents per copy, \$3.90 per year.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND SYNTHETIC FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated <sup>1</sup> (mil.)
	Cotton			Synthetic fibers			Cotton (1,000 running bales)	Synthetic fiber staple (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
August (4 weeks).....	22,087	21,836	251	7,050	972	6,078	2,409	112,889	375
July (5 weeks).....	18,473	19,266	207	6,094	772	5,322	2,777	121,033	329
June (4 weeks).....	23,883	23,625	258	7,220	937	6,283	3,343	135,837	393
May (4 weeks).....	24,781	24,518	263	7,811	1,205	6,606	4,225	133,995	403
April (5 weeks).....	24,899	24,603	296	7,957	1,165	6,792	5,216	140,920	402
March (4 weeks).....	25,654	25,372	282	8,348	1,298	7,050	6,326	140,999	414
February (4 weeks).....	25,353	25,087	268	8,198	1,295	6,903	7,547	144,012	436
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	122,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	414

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND SYNTHETIC FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
August (4 weeks).....	62	45	286
July (5 weeks).....	66	42	296
June (4 weeks).....	66	55	288
May (4 weeks).....	68	53	299
April (5 weeks).....	69	54	310
March (4 weeks).....	69	60	321
February (4 weeks).....	66	60	322
January (5 weeks).....	66	60	326
1979			
December (4 weeks).....	66	56	302
November (4 weeks).....	66	54	305
October (5 weeks).....	68	58	314
September (4 weeks).....	69	56	311
August (4 weeks).....	66	56	300
July (5 weeks).....	58	54	305
June (4 weeks).....	67	60	296
May (4 weeks).....	66	55	297
April (5 weeks).....	65	62	289
March (4 weeks).....	68	62	296
February (4 weeks).....	64	61	288
January (5 weeks).....	66	67	295



Table 2. CONSUMPTION OF COTTON AND SYNTHETIC FIBER STAPLE

Area, State, and type of material	August 1980		July 1980		August 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton <sup>1</sup> .....	441,745	220,686	486,819	243,820	472,338	236,298
By area and State:						
Cotton growing States.....	440,335	219,970	485,716	243,267	469,726	234,969
Alabama.....	54,766	27,678	61,374	30,909	61,383	30,753
Georgia.....	76,518	38,806	80,239	40,115	87,299	43,523
North Carolina.....	158,066	78,744	183,276	91,458	162,084	80,862
South Carolina.....	113,553	57,502	119,242	60,235	119,806	60,289
Tennessee.....	9,533	4,629	9,468	4,591	9,850	4,836
Texas.....	4,157	2,075	4,479	2,242	4,453	2,212
Virginia.....	13,200	6,543	16,826	8,430	15,659	7,865
Other States.....	10,542	3,993	10,812	5,287	9,192	4,629
New England.....	1,151	582	798	394	2,302	1,166
Rest of United States.....	259	134	305	159	310	163
By type of cotton:						
American upland.....	436,716	218,203	481,647	241,256	467,331	233,807
Staple less than 1 inch in length.....	14,880	7,382	14,699	7,301	25,255	12,571
1 inch and 1-1 3/32 inch staples.....	111,687	55,539	134,343	66,703	120,711	60,245
1-1 1/8 inch and 1-3 3/32 inch staples.....	274,245	137,187	292,183	146,325	281,501	140,526
Staples longer than 1-3 3/32 inch.....	26,458	13,203	30,442	15,189	27,521	13,813
Staples not specified by kind.....	9,446	4,892	9,980	5,738	12,343	6,652
American-Pima, Sea Island, and other domestic cotton..	4,814	2,376	4,934	2,446	4,798	2,397
Foreign cotton.....	215	107	238	118	209	94
Staple length 1-1 8/8 inch or more.....	215	107	238	118	209	94
Staple length under 1-1 8/8 inch.....						566
Synthetic fiber staple <sup>1 2</sup> .....	(X)	140,990	(X)	152,358	(X)	152,161
Rayon and acetate.....	(X)	19,432	(X)	19,299	(X)	24,321
Nylon.....	(X)	9,027	(X)	8,924	(X)	10,562
Acrylic and modacrylic.....	(X)	13,450	(X)	16,162	(X)	13,548
Polyester.....	(X)	97,961	(X)	106,548	(X)	102,508
Other synthetic fiber.....	(X)	1,120	(X)	1,425	(X)	1,222

Note Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Synthetic fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Daily average cotton and synthetic fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for August 1980; 25 for July 1980; 20 for August 1979.

<sup>3</sup>Represents consumption in mills with cotton system spindles. Consumption of synthetic fiber staple, including top converted from synthetic fiber tow without combing, in woolen and worsted mills as follows not available for August 1980; 26,674 for July 1980; 27,130 for August 1979.

Table 1. STOCKS OF COTTON AND SYNTHETIC FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(Quantity in thousands of pounds)

Area, State, and type of material	August 1980		July 1980		August 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton.....	401,693	448,080	955,418	478,461	849,662	424,382
By area and State <sup>1</sup> :						
Cotton-growing States.....	896,324	445,426	949,216	475,403	845,392	422,327
Alabama.....	147,627	73,120	151,744	75,491	r 112,814	r 56,181
California.....	108,459	55,237	116,633	59,893	126,675	63,274
Georgia.....	246,669	120,161	266,181	132,327	259,698	129,384
North Carolina.....	328,506	164,537	350,131	175,779	289,765	145,776
South Carolina.....	24,844	12,721	28,898	14,149	17,362	8,388
Tennessee.....	8,627	4,298	8,220	4,121	r 8,368	4,193
Texas.....	19,781	9,813	18,709	9,311	r 18,939	r 9,465
Virginia.....	11,311	5,529	8,700	4,332	r 11,771	r 5,666
Other States.....	4,986	2,476	5,819	2,876	r 3,813	r 1,839
New England.....	373	178	383	182	457	216
Rest of United States.....						
By type of cotton <sup>2</sup> :						
American upland.....	886,768	440,797	939,124	470,540	833,742	416,609
American-Pima, Sea Island, and other domestic cotton...	13,730	6,743	14,781	7,242	r 14,085	r 6,948
Foreign cotton.....	1,195	540	r 1,513	r 679	r 1,835	r 835
Staple length 1-1 8 inch or more.....	1,195	540	r 1,513	r 679	r 824	r 410
Staple length under 1-1 8 inch.....					1,011	424
Synthetic fiber staple <sup>1</sup> :	(X)	112,889	(X)	121,033	(X)	151,546
Rayon and acetate.....	(X)	18,082	(X)	19,349	(X)	25,389
Nylon.....	(X)	5,560	(X)	6,125	(X)	11,146
Acrylic and modacrylic.....	(X)	13,759	(X)	14,938	(X)	15,792
Polyester.....	(X)	74,883	(X)	80,025	(X)	98,293
Other synthetic fiber.....	(X)	605	(X)	r 596	(X)	926

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Synthetic fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton in running bales except that imports are in 500 lbs. equivalent gross bales)

Area, State, and type of material	August 30, 1980	August 2, 1980	September 1, 1979
Domestic and foreign cotton.....	1,507,245	1,822,080	2,197,603
By area and State:			
Cotton-growing States.....	1,507,193	1,822,024	2,197,542
Alabama.....	44,757	62,052	54,486
Arizona.....	(1)	(1)	(1)
Arkansas.....	33,975	43,673	55,422
California.....	271,616	431,305	188,759
Georgia.....	72,161	85,949	101,071
Louisiana.....	11,436	20,773	33,212
Mississippi.....	39,097	56,676	115,567
Missouri.....	3,782	5,468	12,005
New Mexico.....	(1)	(1)	(1)
North Carolina.....	77,932	101,506	67,829
Oklahoma.....	(1)	(1)	(1)
South Carolina.....	194,703	163,109	130,262
Tennessee.....	(1)	(1)	(1)
Texas.....	642,608	609,954	1,132,905
Virginia.....	-	-	-
Other States.....	170,126	241,559	305,524
New England.....			
Rest of United States.....	52	56	61
By type of cotton:			
American upland.....	1,491,082	1,800,838	2,170,856
American-Pima, Sea Island, and other domestic cotton.....	15,773	20,852	24,053
Foreign cotton <sup>2</sup> .....	340	390	2,694
Staple length 1-1 8 inch or more.....	(D)	(D)	(D)
Staple length under 1-1 8 inch.....	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.  
<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales, reported on August 30, 1980, were withheld to avoid disclosing figures for individual companies.

Table 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	August 1980	July 1980	August 1979
Consumption.....	Run. bales...	66,552	52,258	70,676
Bleachers: running bales...	..do.....	54,709	49,748	55,859
gross weight...	M. lbs.....	33,890	25,261	35,616
Other consumers.....	Run. bales...	11,843	11,510	14,817
Pacific and Mountain States.....	..do.....	2,643	2,772	3,400
All other States.....	..do.....	9,200	8,738	11,417
Stocks (end of period).....	Run. bales...	308,003	315,012	202,662
Bleachers: running bales...	..do.....	198,251	195,679	127,214
gross weight...	M. lbs.....	118,055	117,196	79,217
Other consumers.....	Run. bales...	23,250	24,980	27,020
Pacific and Mountain States.....	..do.....	3,087	3,052	3,371
All other States.....	..do.....	20,163	21,928	23,644
Public storage and compresses.....	..do.....	9,671	7,036	2,676
Pacific and Mountain States.....	..do.....			
All other States.....	..do.....	9,671	7,036	2,676
Oil mills <sup>1</sup> .....	..do.....	76,831	87,317	45,752

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Estimated number of running bales based on information reported in pounds.

Table 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and State	Spindles in place	100 percent cotton	100 percent synthetic fibers	Other fibers and blends
AUGUST 1980				
United States.....	17,143	6,168	2,063	7,818
Cotton growing States.....	16,874	6,133	2,022	7,814
Alabama.....	1,698	747	138	748
Georgia.....	1,956	871	126	853
North Carolina.....	5,817	2,496	787	2,160
South Carolina.....	6,119	1,427	882	3,488
Tennessee.....	407	292	(D)	62
Texas.....	157	26	27	(D)
Virginia.....	535	146	(D)	(D)
Other States.....	185	128	-	51
New England.....	269	35	41	4
Rest of United States.....				
JULY 1980				
United States.....	17,146	6,159	2,049	7,776
Cotton growing States.....	16,877	6,124	2,035	7,773
Alabama.....	1,696	722	135	756
Georgia.....	1,955	865	133	828
North Carolina.....	5,815	2,511	799	2,161
South Carolina.....	6,137	1,433	879	3,494
Tennessee.....	407	291	(D)	59
Texas.....	157	26	27	(D)
Virginia.....	535	148	(D)	(D)
Other States.....	175	128	-	56
New England.....	269	35	14	3
Rest of United States.....				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup> Revised by 5 percent or more from previously published figures.

Table 7. COTTON SYSTEM SPINDLE HOURS, BY TYPE OF FIBER SPUN

(In millions)

Area and State	Total spindle hours	100 percent cotton	100 percent synthetic fibers	Other fibers and blends
AUGUST 1980				
United States.....	7,494	3,166	842	3,486
Cotton growing States.....	7,479	3,165	829	3,485
Alabama.....	746	393	48	305
Georgia.....	784	395	54	335
North Carolina.....	2,538	1,237	333	968
South Carolina.....	2,838	876	351	1,611
Tennessee.....	219	144	(D)	(D)
Texas.....	66	(D)	13	(D)
Virginia.....	211	(D)	(D)	(D)
Other States.....	77	55	-	22
New England.....	15	1	13	1
Rest of United States.....				
JULY 1980				
United States.....	8,213	3,368	921	3,924
Cotton growing States.....	8,189	3,350	917	3,922
Alabama.....	796	410	53	333
Georgia.....	769	376	51	342
North Carolina.....	2,861	1,411	353	1,097
South Carolina.....	3,081	853	411	1,817
Tennessee.....	235	151	(D)	(D)
Texas.....	70	(D)	14	(D)
Virginia.....	271	(D)	(D)	(D)
Other States.....	106	76	-	30
New England.....	24	18	4	2
Rest of United States.....				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup> Revised by 5 percent or more from previously published figures.

Table 8. CONSUMPTION, STOCKS, AND SPINDLE ACTIVITY ON THE COTTON SYSTEM, BY INDUSTRY GROUPS

Item	Unit of measure	All industries, total	Weaving mills (SIC 221-222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
AUGUST 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	441,745	317,268	92,081	32,396
Stocks <sup>3</sup> .....	Bales.....	901,693	652,826	196,420	52,447
Synthetic fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	140,990	89,311	28,703	22,976
Stocks.....	M. lbs.....	112,889	67,140	25,261	20,488
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	19,432	12,129	3,932	3,371
Stocks.....	M. lbs.....	18,082	9,277	5,680	3,125
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	121,558	77,182	24,771	19,605
Stocks.....	M. lbs.....	94,807	57,863	19,581	17,363
Spindle activity:					
Spindles in place.....	Thousands....	17,143	11,838	3,910	1,395
Active spindle.....	Thousands....	16,049	11,137	3,675	1,237
Hours operated.....	Millions.....	7,494	5,099	1,732	663
JULY 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	486,819	348,237	<sup>r</sup> 105,078	33,504
Stocks <sup>3</sup> .....	Bales.....	955,418	690,314	207,910	57,194
Synthetic fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	152,358	97,646	31,838	22,874
Stocks.....	M. lbs.....	121,033	70,211	28,749	22,073
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	19,299	11,833	4,161	3,305
Stocks.....	M. lbs.....	19,349	<sup>r</sup> 9,748	6,210	3,391
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	133,059	85,813	27,677	19,569
Stocks.....	M. lbs.....	101,684	60,463	22,539	18,682
Spindle activity:					
Spindles in place.....	Thousands....	17,146	11,854	3,907	1,385
Active spindle.....	Thousands....	15,984	11,079	3,683	1,222
Hours operated.....	Millions.....	8,213	5,603	1,985	625

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Daily average cotton and synthetic fiber staple consumption should be based on a 5-day week with no adjustment for holiday. For this report, the number of work days used are 20 for August 1980; 25 for July 1980; 20 for August 1979.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, SYNTHETIC FIBER STAPLE AND TOW, AND LINTERS

(Running bal-les for cotton and linters; thousand pounds for staple)

Country to which exported	July 1980	June 1980	Cotton season 12 months through July 1980
COTTON			
Total.....	539,689	686,095	8,778,689
Canada.....	10,645	21,572	263,050
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	13,976	32,931	283,277
Republic of Philippines.....	12,120	29,229	138,227
Republic of Korea.....	141,491	147,022	1,512,390
China-Taiwan.....	70,598	71,916	693,001
Japan.....	100,346	115,910	1,499,856
Other countries.....	190,513	267,525	4,488,888
LINTERS			
Total.....	25,096	23,467	275,753
Canada.....	2,227	2,864	47,227
Mexico.....	6,588	6,403	22,966
United Kingdom.....	55	1,281	3,535
Federal Republic of Germany.....	3,396	38	61,115
Japan.....	10,168	9,681	104,627
Other countries.....	2,662	3,200	36,283
SYNTHETIC FIBER STAPLE AND TOW			
Total.....	63,215	72,993	844,821
Canada.....	3,360	6,326	86,982
Brazil.....	678	378	6,381
United Kingdom.....	693	940	28,829
Netherlands.....	475	672	12,464
Belgium.....	956	1,652	33,245
Federal Republic of Germany.....	114	956	19,489
Switzerland.....	444	67	5,351
U.S.S.R.....	632	165	3,619
Hong Kong.....	777	2,008	35,966
Japan.....	910	663	13,955
Australia.....	744	1,831	21,993
Other countries.....	53,431	57,335	576,547

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; synthetic fiber staple, numbers 3094219, 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247; and tow numbers 3093220, 3093240, 3093250, and prior to April 1980, 3093270.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, SYNTHETIC FIBER STAPLE, AND LINTERS  
(Equivalent 480 lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	July 1980	June 1980	Cotton season 12 months through July 1980
COTTON			
Total.....	1,991	41	5,340
Mexico <sup>1</sup> .....	1,991	-	4,094
Peru.....	-	-	157
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	539
Sudan.....	-	-	-
Other countries.....	-	41	550
LINTERS			
Total.....	4,710	7,788	80,244
Mexico <sup>1</sup> .....	2,757	1,935	30,599
Brazil.....	49	5,853	32,097
Other countries.....	1,854	-	17,548
SYNTHETIC FIBER STAPLE AND TOW			
Total.....	2,755	1,763	22,908
Canada.....	97	142	2,520
United Kingdom.....	42	82	551
France.....	1	34	151
Federal Republic of Germany.....	863	760	8,913
Austria.....	213	55	1,009
Switzerland.....	-	1	1
Italy.....	7	140	585
Japan.....	455	459	4,189
Other countries.....	1,077	90	4,989

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption, includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; synthetic fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Equivalent 580 lb. gross weight bales for Mexico linters.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	84.9	87.1	84.3
Stock, August 1.....	21.5	21.6	24.3
Production.....	63.4	65.5	60.0
Distribution.....	84.9	86.6	84.6
Consumption.....	64.3	65.1	63.0
Stocks, July 31.....	20.6	21.5	21.6
Difference <sup>1</sup> .....	0.0	-0.5	+0.3

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.

Table 12. SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES:  
SEASON OF 1979 TO 1980

(Running bales, except imported cotton which is in equivalent 500 pound bales)

Supply and distribution	Number of bales
<b>SUPPLY</b>	
Stocks, August 4, 1979 <sup>1</sup> .....	3,782,001
In consuming establishments.....	927,471
In public storage and at compresses.....	2,604,530
Elsewhere (partially estimated) <sup>2</sup> .....	250,000
Net import of foreign cotton.....	5,340
Total imports for consumption.....	5,340
Less: Re-exports (other than withdrawals from bond for export).....	-
Ginnings, crop of 1979 during crop year 1979 to 1980.....	14,189,628
Total ginnings, crop of 1979.....	14,261,922
Less: Ginnings prior to August 1, 1979.....	72,294
Ginnings, prior to August 1, 1980, crop of 1980 .....	199,606
Aggregate supply.....	18,176,575
<b>DISTRIBUTION</b>	
Total exports.....	8,778,689
Consumption, adjusted to calendar year.....	6,260,752
Stocks, August 2, 1980 <sup>1</sup> .....	3,027,498
In consuming establishments.....	955,418
In public storage, and at compresses.....	1,822,080
Elsewhere (partially estimated) <sup>2</sup> .....	250,000
Aggregate distribution.....	18,066,939
Excess of reported supply over distribution.....	109,636

Note: The figure on the cotton "carry-over" in the United States as of August 2, 1980 is 3,027,498 bales, according to the Bureau of the Census, Department of Commerce. (Linters are not excluded.) In addition to stocks of cotton in warehouses and consuming establishments, this amount includes a partially estimated figure of cotton held elsewhere. These data represent the end of the reporting period rather than the end of the crop year.

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

Table 13. SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES:  
SEASON OF 1979 TO 1980

(Running bales, except imports which are in equivalent 500 pound bales)

Supply and distribution	Number of bales <sup>1</sup>
Stocks, August 4, 1979.....	229,062
In consuming establishments.....	167,230
In public storage.....	3,668
In oil mills.....	57,164
Elsewhere (partially estimated).....	1,000
Imports.....	80,244
Total imports for consumption.....	80,244
Less: Re-exports.....	-
Production.....	1,128,674
Aggregate supply.....	1,437,980
<b>DISTRIBUTION</b>	
Exports.....	275,753
Consumption.....	897,018
Stocks, August 2, 1980.....	316,012
In consuming establishments.....	220,659
In public storage.....	7,036
In oil mills (estimate).....	87,317
Elsewhere (partially estimated).....	1,000
Aggregate distribution.....	1,488,783
Excess of reported distribution over supply.....	50,803

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600 pound gross weight bales; other imports in 500 pound gross weight bales; other figures in running bales.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, *Cotton and Linters in Public Storage and Compresses*, and M22P, *Cotton, Manmade Fiber Staple, and Raw Linters*. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

**Survey Error**—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revision to Previous Period Data**—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 4
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

**Seasonal Adjustment**—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going

into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. **Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. **Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. **Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. **Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. **Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. **"Direct" vs "Total" Commodity Exports and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. **Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. **Geographic Area of Coverage**—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipments data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

## CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Richard Hanks	(301) 763-7809
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-5140
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports--Schedule B--Commodity by Country	To order a Census Bureau publication	Customer Service (DUSD)	(301) 449-1600
FT-135	Monthly	U.S. General Imports--Schedule A--Commodity by Country	To order Census Bureau microfiche	Maria Brown	(301) 763-5511



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# Consumption on the Cotton System



U.S. Department of Commerce  
BUREAU OF THE CENSUS

SEPTEMBER 1980

M22P(80)-2  
Issued November 1980

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 10.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated <sup>1</sup>  (mil.)
	Cotton			Manmade fibers			Cotton  (1,000 running bales)	Manmade fiber staple  (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellu- losic (1,000 pounds)	Noncellu- losic (1,000 pounds)			
1980									
September (4 weeks).....	23,331	23,084	247	7,194	957	6,237	4,377	108,288	379
August (4 weeks).....	21,954	21,705	249	7,092	961	6,131	4,110	113,721	373
July (5 weeks).....	23,369	23,128	241	7,145	899	6,246	4,394	120,791	390
June (4 weeks).....	23,618	23,368	250	7,059	917	6,142	4,728	136,383	385
May (4 weeks).....	23,974	23,734	240	7,442	1,133	6,309	4,924	133,995	386
April (5 weeks).....	24,609	24,335	274	7,698	1,155	6,543	5,211	135,370	391
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,229	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
1979									
December (4 weeks).....	23,513	23,268	245	7,557	1,196	6,361	5,915	138,480	380
November (4 weeks).....	23,575	23,339	236	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	23,878	233	7,862	1,239	6,623	4,987	144,952	400
September (4 weeks).....	24,440	24,189	251	7,755	1,196	6,559	4,951	149,892	398
August (4 weeks).....	23,406	23,158	248	7,527	1,192	6,335	5,217	150,792	391
July (5 weeks).....	24,208	23,962	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,948	143,282	389
May (4 weeks).....	23,519	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,936	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,940	257	7,568	1,315	6,253	6,193	130,216	405
February (4 weeks).....	22,738	22,496	242	7,359	1,286	6,073	6,080	125,601	386
January (5 weeks).....	23,499	23,234	265	7,655	1,424	6,231	6,086	117,342	395
1978									
December (4 weeks).....	23,314	23,071	243	7,490	1,327	6,163	5,856	116,515	397
November (5 weeks).....	23,316	23,039	277	7,586	1,286	6,300	5,280	113,229	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	388
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	8,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	388
July (4 weeks).....	22,893	22,637	256	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,532	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,803	390
April (4 weeks).....	23,932	23,685	247	7,971	1,411	6,560	7,331	114,057	403
March (5 weeks).....	23,659	23,415	244	7,777	1,520	6,257	7,286	122,362	393
February (4 weeks).....	24,206	23,936	270	8,377	1,634	6,743	7,385	119,100	408
January (4 weeks).....	24,169	23,909	260	7,913	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room October 24, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

For inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.  
For sale by Customer Services (DUSD), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage and shipping not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a bank. Price, 30 cents per copy, \$3.90 per year.

Table 1B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton (1,000 running bales)	Manmade fiber staple (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
September (4 weeks).....	22,861	22,622	239	7,116	960	6,156	2,324	110,345	37
August (4 weeks).....	22,130	21,879	251	7,153	979	6,174	2,400	114,176	37
July (5 weeks).....	18,473	19,266	207	6,094	772	5,322	2,777	121,033	37
June (4 weeks).....	23,883	23,625	258	7,220	937	6,283	3,343	135,837	38
May (4 weeks).....	24,781	24,518	263	7,811	1,205	6,606	4,225	133,995	38
April (5 weeks).....	24,899	24,603	296	7,957	1,165	6,792	5,216	140,920	40
March (4 weeks).....	25,654	25,372	282	8,348	1,298	7,050	6,326	140,999	40
February (4 weeks).....	25,353	25,087	268	8,198	1,295	6,903	7,547	144,012	40
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	40
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	38
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	38
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	40
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	38
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	38
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	38
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	38
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	40
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	38
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	40
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	38
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	40
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	112,903	38
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	38
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	40
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	38
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	38
July (4 weeks).....	19,169	18,951	218	6,306	1,139	5,170	4,926	110,298	38
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	40
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	40
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	40
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	40
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	40

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION  
(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
September (4 weeks).....	66	45	296
August (4 weeks).....	62	45	291
July (5 weeks).....	66	42	296
June (4 weeks).....	67	43	291
May (4 weeks).....	68	53	299
April (5 weeks).....	69	54	310
March (4 weeks).....	69	60	321
February (4 weeks).....	66	60	322
January (5 weeks).....	66	60	326
1979			
December (4 weeks).....	66	56	302
November (4 weeks).....	66	59	305
October (5 weeks).....	68	58	314
September (4 weeks).....	69	56	311
August (4 weeks).....	66	56	300
July (5 weeks).....	68	59	305
June (4 weeks).....	67	60	296
May (4 weeks).....	66	55	297
April (5 weeks).....	65	62	289
March (4 weeks).....	68	62	296
February (4 weeks).....	64	61	288
January (5 weeks).....	66	67	295



Table 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, State, and type of material	September 1980		August 1980		September 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton <sup>1</sup> .....	457,211	227,807	442,613	221,438	482,338	240,762
By area and State:						
Cotton growing States.....	455,918	227,147	441,203	220,722	479,807	239,475
Alabama.....	59,485	29,711	55,256	27,734	61,594	30,696
Georgia.....	76,485	38,103	77,031	38,874	87,924	43,839
North Carolina.....	166,224	83,017	156,823	78,299	172,385	85,946
South Carolina.....	112,762	56,346	115,377	57,707	118,832	59,622
Tennessee.....	9,592	4,653	9,533	4,629	9,358	4,560
Texas.....	4,144	2,037	4,302	2,145	4,167	2,114
Virginia.....	16,088	7,985	13,200	6,543	15,806	7,813
Other States.....	11,138	5,295	9,681	4,791	9,741	4,885
New England.....	1,062	542	1,151	582	2,089	1,060
Rest of United States.....	231	118	259	134	442	227
By type of cotton:						
American Upland.....	452,433	225,448	437,584	218,955	477,483	238,348
Staple less than 1 inch in length.....	17,088	8,410	14,983	7,434	24,305	12,075
1 inch and 1-1/32 inch staples.....	113,151	56,242	112,604	55,915	125,775	62,736
1-1/16 inch and 1-3/32 inch staples.....	287,301	142,686	274,586	137,306	288,593	143,647
Staples longer than 1-3/32 inch.....	26,086	13,032	26,650	13,294	27,420	13,735
Staples not specified by kind.....	8,807	5,078	8,761	5,006	11,390	6,155
American-Pima, Sea Island, and other domestic cotton...	4,553	2,249	4,814	2,376	4,622	2,306
Foreign cotton.....	225	110	215	107	233	108
Staple length 1-1/8 inch or more.....	225	110	215	107	233	108
Staple length under 1-1/8 inch.....						
Manmade fiber staple <sup>2</sup> .....	(X)	142,319	(X)	143,050	(X)	153,613
Rayon and acetate.....	(X)	19,204	(X)	19,571	(X)	24,006
Nylon.....	(X)	10,193	(X)	8,928	(X)	12,538
Acrylic and modacrylic.....	(X)	13,863	(X)	14,319	(X)	13,896
Polyester.....	(X)	97,828	(X)	99,101	(X)	101,871
Other manmade fiber.....	(X)	1,231	(X)	1,131	(X)	1,302

Note: Cotton - Bales and running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for September and 20 for August.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for September 1980; 31,215 for August 1980; 25,098 for September 1979.

Table 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

Area, State, and type of material	September 1980		August 1980		September 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton.....	790,576	394,473	890,657	442,684	749,117	374,248
By area and State:						
Cotton-growing States.....	785,188	391,840	885,185	439,997	741,609	370,572
Alabama.....	130,811	64,727	149,182	73,924	95,274	47,452
California.....	106,046	53,542	109,336	55,402	118,100	59,040
Georgia.....	210,063	104,365	240,657	117,115	228,722	113,995
North Carolina.....	271,161	135,685	321,060	160,933	252,418	126,657
South Carolina.....	32,094	15,841	24,844	12,721	12,990	6,338
Tennessee.....	7,995	3,988	8,400	4,180	7,349	3,665
Texas.....	16,278	8,111	19,781	9,823	17,164	8,584
Virginia.....	10,740	5,581	11,925	5,899	9,562	4,841
Other States.....	4,972	2,426	5,099	2,509	7,101	3,483
New England.....	416	207	373	178	407	193
Rest of United States.....						
By type of cotton:						
American Upland.....	776,891	387,820	875,629	435,368	732,472	366,033
American-Pima, Sea Island, and other domestic cotton...	12,569	6,169	13,730	6,743	14,946	7,452
Foreign cotton.....	1,116	484	1,298	573	1,699	763
Staple length 1-1/8 inch or more.....	1,116	484	1,298	573	701	345
Staple length under 1-1/8 inch.....					998	418
Manmade fiber staple <sup>1</sup> .....	(X)	110,345	(X)	114,176	(X)	152,890
Rayon and acetate.....	(X)	18,008	(X)	17,772	(X)	25,185
Nylon.....	(X)	5,718	(X)	5,535	(X)	11,646
Acrylic and modacrylic.....	(X)	12,691	(X)	13,932	(X)	13,707
Polyester.....	(X)	73,178	(X)	76,360	(X)	101,362
Other manmade fiber.....	(X)	750	(X)	577	(X)	990

Note: Cotton - Bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable. <sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton: Running bales except that imports are in 500 lbs. equivalent gross bales)

Area, State, and type of material	September 27, 1980	August 30, 1980	September 29, 1979
Domestic and foreign cotton.....	1,533,460	1,509,350	1,879,597
By area and State:			
Cotton-growing States.....	1,533,408	1,509,298	1,879,540
Alabama.....	67,114	44,475	41,632
Arizona.....	( <sup>1</sup> )	( <sup>1</sup> )	68,553
Arkansas.....	64,718	33,932	45,734
California.....	159,516	271,616	127,080
Georgia.....	81,598	71,773	86,271
Louisiana.....	90,261	11,436	21,441
Mississippi.....	94,283	38,728	74,129
Missouri.....	38,815	3,782	13,217
New Mexico.....	7,755	( <sup>1</sup> )	( <sup>1</sup> )
North Carolina.....	64,181	77,932	48,219
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....	136,907	139,664	122,452
Tennessee.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Texas.....	586,360	645,834	1,067,633
Virginia.....	-	-	-
Other States.....	141,900	170,126	163,179
New England.....	52	52	57
Rest of United States.....			
By type of cotton:			
American Upland.....	1,520,590	1,493,187	1,856,624
American-Pima, Sea Island, and other domestic cotton.....	12,480	15,773	21,036
Foreign cotton <sup>2</sup> .....	390	390	1,937
Staple length 1-1/8 inch or more.....	(D)	(D)	(D)
Staple length under 1-1/8 inch.....	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area.<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales, reported on September 27, 1980, were withheld to avoid disclosing figures for individual companies.

Table 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	September 1980	August 1980	September 1979
Consumption.....	Run. bales...	65,444	66,829	70,832
Bleachers:				
Running bales.....	..do.....	53,776	54,709	54,410
Gross weight.....	M. lbs.....	33,000	33,890	34,348
Other consumers.....	Run. bales...	11,668	12,120	16,422
Pacific and Mountain States.....	..do.....	2,624	2,596	4,094
All other States.....	..do.....	9,044	9,524	12,328
Stocks (end of period).....	Run. bales...	343,899	308,853	166,149
Bleachers:				
Running bales.....	..do.....	195,469	198,251	101,807
Gross weight.....	M. lbs.....	116,180	118,055	62,923
Other consumers.....	Run. bales...	23,183	23,724	25,856
Pacific and Mountain States.....	..do.....	3,046	3,189	4,116
All other States.....	..do.....	20,137	20,535	21,740
Public storage and compresses.....	..do.....	14,902	9,671	1,265
Pacific and Mountain States.....	..do.....	14,902	9,671	1,265
All other States.....	..do.....			
Oil mills <sup>1</sup> .....	..do.....	110,345	77,207	37,221

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and State	Spindles in place	Active		
		100 percent cotton	100 percent manmade fibers	Other fibers and blends
SEPTEMBER 1980				
United States.....	17,122	6,192	2,068	7,783
Cotton growing States.....	16,853	6,156	2,027	7,781
Alabama.....	1,693	750	139	754
Georgia.....	1,956	864	130	859
North Carolina.....	5,819	2,524	798	2,134
South Carolina.....	6,102	1,428	879	3,481
Tennessee.....	407	288	(D)	69
Texas.....	157	26	25	(D)
Virginia.....	535	149	(D)	(D)
Other States.....	184	127	-	59
New England.....	269	36	41	2
Rest of United States.....				
AUGUST 1980				
United States.....	17,143	6,151	2,049	7,851
Cotton growing States.....	16,874	6,116	2,008	7,847
Alabama.....	1,696	745	138	748
Georgia.....	1,956	866	130	857
North Carolina.....	5,819	2,495	785	2,164
South Carolina.....	6,119	1,419	869	3,508
Tennessee.....	407	292	(D)	62
Texas.....	157	26	26	(D)
Virginia.....	535	146	(D)	(D)
Other States.....	185	127	-	55
New England.....	269	35	41	4
Rest of United States.....				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

Table 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and State	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
SEPTEMBER 1980				
United States.....	7,465	3,155	830	3,480
Cotton growing States.....	7,451	3,154	819	3,478
Alabama.....	717	374	42	301
Georgia.....	762	387	48	327
North Carolina.....	2,529	256	313	960
South Carolina.....	2,822	847	375	1,600
Tennessee.....	221	144	(D)	(D)
Texas.....	55	(D)	12	(D)
Virginia.....	235	(D)	(D)	(D)
Other States.....	110	73	-	37
New England.....	14	1	11	2
Rest of United States.....				
AUGUST 1980				
United States.....	7,566	3,169	847	3,550
Cotton growing States.....	7,549	3,168	832	3,549
Alabama.....	739	389	47	303
Georgia.....	789	394	54	341
North Carolina.....	2,531	1,229	335	967
South Carolina.....	2,886	874	354	1,658
Tennessee.....	219	144	(D)	(D)
Texas.....	r77	(D)	13	(D)
Virginia.....	210	(D)	(D)	(D)
Other States.....	r98	r73	-	r25
New England.....	17	1	15	1
Rest of United States.....				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>r</sup> Revised by 5 percent or more from previously published figures.

Table 8. CONSUMPTION, STOCKS, AND SPINDLE ACTIVITY ON THE COTTON SYSTEM BY INDUSTRY GROUPS

Item	Unit of measure	All industries	Weaving mills (SIC 221, 222, 223, and 224)	Yarn and thread mills (SIC 228)	All other industry groups
SEPTEMBER 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	457,211	329,604	93,467	34,140
Stocks <sup>2</sup> .....	Bales.....	790,576	576,002	165,408	49,166
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	142,319	89,347	30,770	22,202
Stocks.....	M. lbs.....	110,345	68,154	23,165	19,026
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	19,204	11,435	4,039	3,730
Stocks.....	M. lbs.....	18,008	9,119	5,726	3,163
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	123,115	77,912	26,731	18,472
Stocks.....	M. lbs.....	92,337	59,035	17,439	15,863
Spindle activity:					
Spindles in place.....	Thousands....	17,122	11,820	3,906	1,396
Active spindle.....	Thousands....	16,043	11,111	3,685	1,247
Hours operated.....	Millions.....	7,465	5,174	1,712	579
AUGUST 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	442,613	318,875	91,545	32,193
Stocks <sup>2</sup> .....	Bales.....	890,657	641,662	196,558	52,437
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	143,050	89,875	29,896	23,279
Stocks.....	M. lbs.....	114,176	68,491	25,196	20,489
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	19,571	12,065	3,965	<sup>r</sup> 3,541
Stocks.....	M. lbs.....	17,772	9,163	5,624	2,985
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	123,479	77,810	25,931	19,738
Stocks.....	M. lbs.....	96,404	59,328	19,572	17,504
Spindle activity:					
Spindles in place.....	Thousands....	17,143	11,838	3,909	1,396
Active spindle.....	Thousands....	16,051	11,137	3,675	1,239
Hours operated.....	Millions.....	7,567	5,250	1,724	<sup>r</sup> 593

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are 20 for September and 20 for August.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters; thousand pounds for staple)

Country to which exported	August 1980	July 1980	Cotton season 1 month through August 1980
<b>COTTON</b>			
Total.....	402,203	539,689	402,203
Canada.....	22,453	10,645	22,453
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	24,378	13,976	24,378
Republic of Philippines.....	14,325	12,120	14,325
Republic of Korea.....	97,404	141,491	97,404
China-Taiwan.....	15,017	70,598	15,017
Japan.....	70,272	100,346	70,272
Other countries.....	158,354	190,513	158,354
<b>LINTERS</b>			
Total.....	17,183	25,096	17,183
Canada.....	4,681	2,227	4,681
Mexico.....	1,310	6,588	1,310
United Kingdom.....	142	55	142
Federal Republic of Germany.....	-	3,396	-
Japan.....	6,666	10,168	6,666
Other countries.....	4,384	2,662	4,384
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	82,357	63,215	82,357
Canada.....	8,140	3,360	8,140
Brazil.....	304	678	304
United Kingdom.....	703	693	703
Netherlands.....	548	475	548
Belgium.....	1,716	956	1,716
Federal Republic of Germany.....	280	114	280
Switzerland.....	181	444	181
U.S.S.R.....	150	632	150
Hong Kong.....	1,292	777	1,292
Japan.....	2,041	910	2,041
Australia.....	3,743	744	3,743
Other countries.....	63,259	53,431	63,259

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; manmade fiber staple, numbers 3094219, 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247; and tow numbers 3093220, 3093240, 3093250, and prior to April 1980, 3093270.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 480 lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	August 1980	July 1980	Cotton season 1 month through August 1980
<b>COTTON</b>			
Total.....	-	1,991	-
Mexico.....	-	1,991	-
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	-
<b>LINTERS</b>			
Total.....	11,846	4,710	11,846
Mexico <sup>1</sup> .....	852	2,757	852
Brazil.....	9,185	99	9,185
Other countries.....	1,809	1,854	1,809
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	1,161	2,755	1,161
Canada.....	110	97	110
United Kingdom.....	60	42	60
France.....	-	1	-
Federal Republic of Germany.....	315	863	315
Austria.....	188	213	188
Switzerland.....	-	-	-
Italy.....	-	7	-
Japan.....	233	455	233
Other countries.....	255	1,077	255

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; man-made fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Equivalent 580 lb. gross weight bales for Mexico linters.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1979/80 forecast	1978/79 preliminary	1977/78
Supply.....	84.8	87.3	84.4
Stock, August 1.....	21.3	21.7	24.3
Production.....	63.5	65.6	60.1
Distribution.....	84.8	86.8	84.7
Consumption.....	64.6	65.5	63.0
Stocks, July 31.....	20.4	21.3	21.7
Difference <sup>1</sup> .....	+0.2	-0.5	-0.3

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, *Cotton and Linters in Public Storage and Compresses*, and M22P, *Cotton, Manmade Fiber Staple, and Raw Linters*. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 4
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings, and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going



into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, hence, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. **Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. **Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. **Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. **Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. **Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. **"Direct" vs "Total" Commodity Exports and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. **Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. **Geographic Area of Coverage**—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipments) data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

## CONTACTS FOR DATA USERS

Series	Frequency	Title	Subject Area	Contact	Phone Number
<i>Current Industrial Reports</i>					
M3-1	Monthly	Manufacturers' Shipments, Inventories, and Orders	Current Industrial Report M22P	Richard Hanks	(301) 763-780
M22D	Monthly	Consumption on the Woolen and Worsted Systems	Foreign Trade publications	Juanita Noone	(301) 763-514
<i>Foreign Trade Reports</i>					
FT-410	Monthly	U.S. Exports—Schedule E—Commodity by Country	To order a Census Bureau publication.	Customer Services (DUSD)	(301) 449-160
FT-135	Monthly	U.S. General Imports—Schedule A—Commodity by Country	To order Census Bureau microfiche	Maria Brown	(301) 763-551

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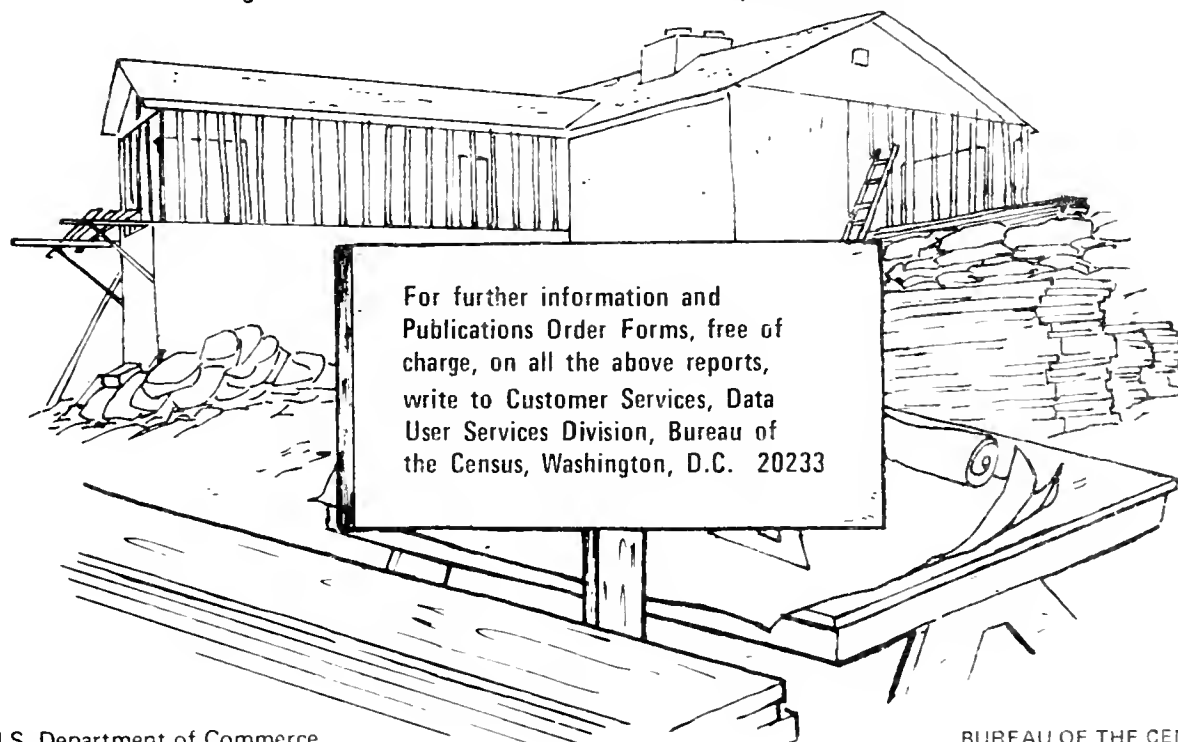
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# Consumption on the Cotton System

OCTOBER 1980

M22P(81)-3  
Issued December 1980

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 10.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 14. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated
	Cotton			Manmade fibers			Cotton	Manmade fiber staple	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)	(1,000 running bales)	(1,000 pounds)	(mil.)
<b>1980</b>									
October (5 weeks).....	22,890	22,613	277	7,514	1,016	6,498	4,402	113,538	382
September (4 weeks).....	23,285	23,032	253	7,088	954	6,134	4,450	108,084	373
August (4 weeks).....	21,954	21,705	249	7,092	961	6,131	4,110	113,721	373
July (5 weeks).....	23,369	23,128	241	7,145	899	6,246	4,394	120,791	390
June (4 weeks).....	23,618	23,368	250	7,059	917	6,142	4,728	136,383	385
May (4 weeks).....	23,974	23,744	240	7,442	1,133	6,309	4,924	133,995	386
April (5 weeks).....	24,609	24,335	274	7,848	1,155	6,693	5,211	135,370	391
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,224	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
<b>1979</b>									
December (4 weeks).....	23,514	23,268	245	7,557	1,196	6,361	5,915	138,480	390
November (4 weeks).....	23,575	23,339	236	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	24,878	233	7,862	1,239	6,623	4,987	144,952	400
September (4 weeks).....	24,491	24,184	251	7,755	1,196	6,559	4,951	149,392	398
August (4 weeks).....	23,499	23,168	248	7,527	1,142	6,385	5,217	150,792	391
July (5 weeks).....	24,208	23,962	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,448	143,282	399
May (4 weeks).....	23,514	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,916	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,949	257	7,568	1,315	6,253	6,193	130,218	405
February (4 weeks).....	22,738	22,496	242	7,359	1,286	6,073	6,080	125,801	386
January (5 weeks).....	23,444	23,214	265	7,655	1,424	6,231	6,086	117,342	395
<b>1978</b>									
December (4 weeks).....	23,014	23,071	243	7,490	1,327	6,163	5,856	116,515	397
November (5 weeks).....	23,311	23,034	277	7,546	1,286	6,260	5,280	113,224	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	393
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	8,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	398
July (4 weeks).....	22,843	22,637	256	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,542	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,403	390
April (4 weeks).....	23,452	23,685	247	7,471	1,411	6,060	7,331	114,057	393
March (5 weeks).....	23,659	23,415	244	7,777	1,520	6,257	7,286	122,362	404
February (4 weeks).....	24,206	23,936	270	8,077	1,634	6,443	7,385	119,100	408
January (4 weeks).....	24,164	23,894	270	7,419	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room September 24, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

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TABLE 1B. DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton (1,000 running bales)	Manmade fiber staple (1,000 pounds)	
	Total running bales	Upland running bales	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellu- losic (1,000 pounds)	Noncellu- losic (1,000 pounds)			
1967									
October (5 weeks).....	24,072	23,789	283	7,850	1,099	6,751	3,918	109,564	400
September (4 weeks).....	22,416	22,571	245	7,011	957	6,054	2,363	110,138	367
August (4 weeks).....	22,180	21,879	251	7,153	979	6,174	2,400	114,176	378
July (5 weeks).....	18,473	19,266	207	6,094	772	5,322	2,777	121,033	329
June (5 weeks).....	23,883	23,625	258	7,220	937	6,283	3,343	135,837	393
May (4 weeks).....	24,781	24,518	263	7,811	1,205	6,606	4,225	133,995	403
April (5 weeks).....	24,899	24,603	296	7,957	1,165	6,792	5,216	140,920	402
March (4 weeks).....	25,654	25,472	282	8,348	1,298	7,050	6,326	140,999	414
February (4 weeks).....	25,453	25,087	268	8,198	1,295	6,903	7,547	144,012	436
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (5 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (5 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,554	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,458	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,406	25,026	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,413	122,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
<b>1980</b>			
October (5 weeks).....	65	48	308
September (4 weeks).....	66	45	289
August (4 weeks).....	62	45	291
July (5 weeks).....	66	42	296
June (4 weeks).....	66	55	288
May (4 weeks).....	68	53	299
April (5 weeks).....	69	54	310
March (5 weeks).....	69	60	321
February (4 weeks).....	66	60	322
January (5 weeks).....	66	60	326
<b>1979</b>			
December (4 weeks).....	66	56	302
November (4 weeks).....	66	59	305
October (5 weeks).....	68	58	314
September (4 weeks).....	69	56	311
August (4 weeks).....	66	56	300
July (5 weeks).....	58	59	305
June (4 weeks).....	67	60	296
May (4 weeks).....	66	55	297
April (5 weeks).....	65	62	289
March (4 weeks).....	68	62	296
February (4 weeks).....	64	61	288
January (5 weeks).....	66	67	295



Table 1. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, State, and type of material	October 1980		September 1980		October 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton <sup>1</sup> .....	601,808	298,964	456,319	227,366	629,704	314,113
By area and State:						
Cotton growing States.....	599,809	297,957	454,942	226,664	626,767	312,636
Alabama.....	77,494	38,665	59,080	29,502	82,817	41,342
Georgia.....	102,871	51,195	77,424	38,853	115,265	57,360
North Carolina.....	216,158	107,244	166,312	82,669	215,793	107,485
South Carolina.....	150,765	75,609	112,110	55,901	159,995	80,044
Tennessee.....	11,736	5,718	9,667	4,689	13,218	6,476
Texas.....	5,849	2,887	4,155	2,052	5,663	2,842
Virginia.....	21,522	10,701	16,088	7,985	21,016	10,499
Other States.....	13,414	5,938	10,106	5,013	13,000	6,588
New England.....	1,579	783	1,062	542	2,533	1,268
Rest of United States.....	420	224	315	160	404	209
By type of cotton:						
American upland.....	594,735	295,472	451,414	224,951	623,751	311,164
Staple less than 1 inch in length.....	22,202	10,909	16,993	8,360	30,577	14,978
1 inch and 1-1 3/2 inch staples.....	154,542	75,963	112,895	55,853	171,576	85,446
1-1 1/2 inch and 1-3 3/2 inch staples.....	373,374	185,660	286,658	142,609	370,335	184,455
Staples longer than 1-3 3/2 inch.....	31,778	15,899	26,087	13,032	35,475	17,724
Staples not specified by kind.....	12,839	7,041	8,781	5,097	15,851	8,561
American-Pima, Sea Island, and other domestic cotton...	6,727	3,320	4,680	2,305	5,699	2,831
Foreign cotton.....	346	172	225	110	254	118
Staple length 1-1 8/8 inch or more.....	346	172	225	110	254	118
Staple length under 1-1 8/8 inch.....						
Manmade fiber staple <sup>1</sup> .....	(X)	196,249	(X)	140,206	(X)	205,635
Rayon and acetate.....	(X)	27,479	(X)	19,131	(X)	33,447
Nylon.....	(X)	13,632	(X)	10,250	(X)	16,428
Acrylic and modacrylic.....	(X)	18,614	(X)	14,077	(X)	18,545
Polyester.....	(X)	134,775	(X)	95,486	(X)	135,626
Other manmade fiber.....	(X)	1,749	(X)	1,262	(X)	1,584

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup> Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup> Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for October and 20 for September.

<sup>3</sup> Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for October 1980; 31,738 for September 1980; 34,683 for October 1979.

Table 1. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(Quantity in thousands of pounds)

Area, state, and type of material	October 1980		September 1980		October 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton.....	750,013	374,403	784,425	391,201	648,117	323,910
By area and state:						
Continuing states.....	746,573	371,747	779,037	388,568	641,084	320,444
Alabama.....	121,681	60,179	131,263	64,966	95,896	47,955
California.....	103,049	51,792	107,055	54,067	110,063	55,134
Georgia.....	195,253	97,090	204,712	101,736	190,304	94,794
North Carolina.....	246,373	123,092	269,016	134,625	199,517	99,895
South Carolina.....	47,458	23,278	31,974	15,768	12,988	6,499
Tennessee.....	7,036	3,525	7,789	3,888	6,063	3,001
Texas.....	17,409	8,680	16,278	8,111	17,210	8,593
Virginia.....	8,314	4,111	10,950	5,407	9,043	4,573
Other States.....	5,040	2,456	4,972	2,426	6,675	3,294
New England.....	400	200	416	207	358	172
Rest of United States.....						
By type of cotton:						
American upland.....	739,354	368,234	771,180	384,764	632,722	316,347
American-Pima, Sea Island, and other domestic cotton...	11,762	5,792	12,129	5,953	13,667	6,790
Foreign cotton.....	897	377	1,116	484	1,728	773
Staple length 1-1 8 inch or more.....	897	377	1,116	484	758	369
Staple length under 1-1 8 inch.....						
Manmade fiber staple <sup>1</sup> .....	(X)	109,564	(X)	110,138	(X)	140,169
Rayon and acetate.....	(X)	16,684	(X)	17,899	(X)	23,646
Nylon.....	(X)	5,888	(X)	5,834	(X)	12,108
Acrylic and modacrylic.....	(X)	11,762	(X)	12,779	(X)	12,411
Polyester.....	(X)	74,605	(X)	72,889	(X)	91,085
Other manmade fiber.....	(X)	625	(X)	737	(X)	919

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

X Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4. STOCKS OF COTTON HELD AT PUBLIC FORAGE AND AT COMPRESSES

(Cotton in running bales except that imports are in 500 lbs. equivalent gross bales)

Area, State, and type of material	November 1, 1980	September 27, 1980	November 3, 1979
Domestic and foreign cotton.....	3,165,798	1,578,491	3,785,179
By area and State:			
Cotton-growing States.....	3,165,730	1,578,499	3,785,098
Alabama.....	166,677	67,667	109,829
Arizona.....	166,590	(1)	265,174
Arkansas.....	222,050	66,099	199,662
California.....	402,153	158,228	699,483
Georgia.....	99,620	80,940	127,548
Louisiana.....	334,651	96,303	290,624
Mississippi.....	466,180	96,736	369,017
Missouri.....	114,569	38,815	113,050
New Mexico.....	31,337	7,755	(1)
North Carolina.....	79,752	64,181	55,763
Oklahoma.....	(1)	(1)	(1)
South Carolina.....	176,971	136,907	165,798
Tennessee.....	164,111	(1)	(1)
Texas.....	713,910	622,893	1,223,653
Virginia.....	-	-	-
Other States.....	27,159	141,960	165,497
New England.....	68	50	81
Rest of United States.....			
By type of cotton:			
American upland.....	3,148,125	1,566,187	3,765,339
American-Pima, Sea Island, and other domestic cotton.....	17,283	11,904	17,903
Foreign cotton <sup>2</sup> .....	390	390	1,937
Staple length 1-1 8 inch or more.....	(D)	(D)	(D)
Staple length under 1-1 8 inch.....	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies. <sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Included in other States in the same area.

<sup>3</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales, reported on November 1, 1980 were withheld to avoid disclosing figures for individual companies.

Table 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	October 1980	September 1980	October 1979
Consumption.....	Run. bales...	70,967	65,530	90,579
Bleachers: running bales..	..do.....	56,356	53,777	72,777
gross weight...	M. lbs.....	34,683	32,999	45,326
Other consumers.....	Run. bales...	14,611	11,753	17,802
Pacific and Mountain				
States.....	..do.....	3,250	2,653	3,737
All other States.....	..do.....	11,361	9,100	14,065
Stocks (end of period).....	Run. bales...	390,258	335,577	155,905
Bleachers: running bales..	..do.....	205,100	195,469	82,405
gross weight...	M. lbs.....	117,524	116,180	50,622
Other consumers.....	Run. bales...	24,105	23,149	23,355
Pacific and Mountain				
States.....	..do.....	2,979	2,966	4,341
All other States.....	..do.....	21,126	20,183	19,014
Public storage and compresses.....	..do.....	23,025	14,902	1,368
Pacific and Mountain				
States.....	..do.....	23,025	14,902	1,368
All other States.....	..do.....			
Oil mills <sup>1</sup> .....	..do.....	138,028	102,057	48,777

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 6. UNITED STATES SPINNING SPINDLES BY TYPE OF FIBER SPUN

In thousands

Area and State	Spindles in place	Active		
		100 percent cotton	100 percent manmade fibers	Other fibers and blends
JULY 1967				
United States.....	17,185	4,127	1,117	7,437
North Atlantic States.....	17,185	4,127	1,117	7,437
Alabama.....	1,000	200	100	200
Georgia.....	1,000	200	100	200
NC at Lenoir.....	1,000	200	100	200
NC at Lenoir.....	1,000	200	100	200
Tennessee.....	1,000	200	100	200
Texas.....	1,000	200	100	200
Virginia.....	1,000	200	100	200
Other States.....	1,000	200	100	200
New England.....	1,000	200	100	200
West of United States.....	1,000	200	100	200
AUGUST 1967				
United States.....	17,185	4,127	1,117	7,437
North Atlantic States.....	17,185	4,127	1,117	7,437
Alabama.....	1,000	200	100	200
Georgia.....	1,000	200	100	200
NC at Lenoir.....	1,000	200	100	200
NC at Lenoir.....	1,000	200	100	200
Tennessee.....	1,000	200	100	200
Texas.....	1,000	200	100	200
Virginia.....	1,000	200	100	200
Other States.....	1,000	200	100	200
New England.....	1,000	200	100	200
West of United States.....	1,000	200	100	200

\* Represents zero.   † Data withheld to avoid disclosing figures for individual companies.   ‡ Revised to 1 percent or more from previously published figures.

Table 7. UNITED STATES SPINNING SPINDLES BY TYPE OF FIBER SPUN

In thousands

Area and State	Total Spindle Hours	100 Percent Cotton	100 Percent Manmade Fibers	Other Fibers and Blends
OCTOBER 1967				
United States.....	4,000	1,000	1,000	1,000
North Atlantic States.....	4,000	1,000	1,000	1,000
Alabama.....	1,000	200	100	200
Georgia.....	1,000	200	100	200
North Carolina.....	1,000	200	100	200
South Carolina.....	1,000	200	100	200
Tennessee.....	1,000	200	100	200
Texas.....	1,000	200	100	200
Virginia.....	1,000	200	100	200
Other States.....	1,000	200	100	200
New England.....	1,000	200	100	200
West of United States.....	1,000	200	100	200
SEPTEMBER 1967				
United States.....	4,000	1,000	1,000	1,000
North Atlantic States.....	4,000	1,000	1,000	1,000
Alabama.....	1,000	200	100	200
Georgia.....	1,000	200	100	200
North Carolina.....	1,000	200	100	200
South Carolina.....	1,000	200	100	200
Tennessee.....	1,000	200	100	200
Texas.....	1,000	200	100	200
Virginia.....	1,000	200	100	200
Other States.....	1,000	200	100	200
New England.....	1,000	200	100	200
West of United States.....	1,000	200	100	200

\* Represents zero.   † Data withheld to avoid disclosing figures for individual companies.   ‡ Revised to 1 percent or more from previously published figures.

Table 3. DOMESTIC AND FOREIGN COTTON CONSUMPTION AND SPINDLE ACTIVITY

Item	Unit of Measure	Domestic Consumption (1)	Foreign Consumption (2)	Domestic and Foreign Total (3)	Spindle Activity (4)
JULY 1970					
Domestic and foreign total <sup>1</sup>					
Consumption <sup>2</sup> .....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Stocks <sup>3</sup> .....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Manmade fiber staple <sup>4</sup>					
Consumption.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Stocks.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Cellulosic <sup>5</sup>					
Consumption.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Stocks.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Noncellulosic <sup>6</sup>					
Consumption.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Stocks.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Spindle activity:					
Spindles in place.....	Thousands.....	1,000.0	1,000.0	2,000.0	1,000.0
Active spindle.....	Thousands.....	1,000.0	1,000.0	2,000.0	1,000.0
Hours operated.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
SEPTEMBER 1970					
Domestic and foreign total <sup>1</sup>					
Consumption <sup>2</sup> .....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Stocks <sup>3</sup> .....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Manmade fiber staple <sup>4</sup>					
Consumption.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Stocks.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Cellulosic <sup>5</sup>					
Consumption.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Stocks.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Noncellulosic <sup>6</sup>					
Consumption.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Stocks.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0
Spindle activity:					
Spindles in place.....	Thousands.....	1,000.0	1,000.0	2,000.0	1,000.0
Active spindle.....	Thousands.....	1,000.0	1,000.0	2,000.0	1,000.0
Hours operated.....	Millions.....	1,000.0	1,000.0	2,000.0	1,000.0

Note: SIC is an abbreviation for Standard Industrial Classification.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 30-day week with no adjustment for leap years. In this report, the number of work days used are 15 for October and 11 for September.

<sup>2</sup>Domestic cotton is reported in running bales and foreign cotton in 4.5 lb. equivalent gross bales.

<sup>3</sup>Represents consumption in mills with cotton system spindles.

tbl. 4. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(running holes for cotton and linters: thousand pounds for staple)

entry to which exported	September 1980	August 1980	Cotton season 2 months through Sept. 1980
<b>COTTON</b>			
Total.....	393,276	402,203	795,479
Canada.....	16,725	22,453	39,178
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	17,142	24,378	41,520
Republic of Philippines.....	12,366	14,325	26,691
Republic of Korea.....	2,762	97,404	180,166
China-Taiwan.....	32,705	15,017	47,722
Japan.....	44,155	70,272	114,427
Other countries.....	187,421	158,354	345,775
<b>LINTERS</b>			
Total.....	18,679	17,183	35,862
Canada.....	2,493	4,681	7,174
Mexico.....	5,491	1,310	6,801
United Kingdom.....	71	142	213
Federal Republic of Germany.....	628	-	628
Japan.....	7,612	6,666	14,278
Other countries.....	2,384	4,384	6,768
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	52,433	82,357	134,790
Canada.....	7,290	8,140	15,430
Brazil.....	403	304	707
United Kingdom.....	294	703	997
Netherlands.....	325	548	873
Belgium.....	855	1,716	2,571
Federal Republic of Germany.....	239	280	519
Switzerland.....	74	181	255
U.S.S.R.....	-	150	150
Hong Kong.....	574	1,242	1,816
Japan.....	1,552	2,041	3,593
Australia.....	2,063	3,743	5,806
Other countries.....	38,764	63,259	102,023

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001130, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; manmade fiber staple, numbers 3094214, 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247; and tow numbers 3093220, 3093240, 3093250, and prior to April 1980, 3093270.

- Represents zero.

Table 10. TENDERS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBRE STAPLE, AND LINTERS

(a) Tent 48 lb, gross weight bales for cotton and linters, (b) thousand pounds for staple

Country (a)	September 1981	August 1981	Cotton season 12 months through September 1981
<b>COTTON</b>			
Total.....	1,094	-	1,594
Mexico.....	1,094	-	1,594
Other countries.....	-	-	-
<b>LINTERS</b>			
Total.....	1,094	11,846	16,516
Mexico.....	72	852	1,225
Other countries.....	1,022	11,000	15,291
<b>MANMADE FIBRE STAPLE AND LINTERS</b>			
Total.....	1,094	1,161	2,758
Canada.....	228	110	338
United Kingdom.....	33	60	93
France.....	43	-	43
Federal Republic of Germany.....	511	417	828
Austria.....	11	188	199
Switzerland.....	-	-	-
Italy.....	5	-	5
Japan.....	401	221	622
Other countries.....	98	233	293

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.I.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fibre staple, numbers 3004100, 3004320, 3004325, 3004340, 3004345, 3004349, and 3005040.

- Represents zero.

<sup>1</sup>Equivalent 48 lb, gross weight bales for Mexico linters.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(in million bales of 480 lb, net)

Item	1979-80 forecast	1978-79 preliminary	1977-78
Supply.....	84.8	87.3	84.4
Stock, August 1.....	21.3	21.7	24.3
Production.....	63.5	65.6	60.1
Distribution.....	84.8	86.8	84.7
Consumption.....	64.6	65.5	63.0
Stocks, July 31.....	20.4	21.3	21.7
Difference <sup>1</sup> .....	+0.2	-1.5	+0.3

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 4
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, batting and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business on the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going



into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

*Farm and Gin Stocks*—Stocks of cotton and linters at farms and gins are excluded.

*Spindles*—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

*Consumption (Cotton System)*—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, hence, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. *Valuation*—There are different methods of valuation for the three types of data.

*Domestic Output*—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

*Exports*—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

*Imports*—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. *Duplication in Quantity and Value of Output*—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. *Low-Valued Export and Import Transactions*—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. *Manufacturers' Shipments, Not Specified by Kind*—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. *Time Lag Between Output and Exports*—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. *"Direct" vs "Total" Commodity Exports and Imports*—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. *Used Commodities*—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. *Geographic Area of Coverage*—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipments) data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	<i>Manufacturers' Shipments, Inventories, and Orders</i>
M22D	Monthly	<i>Consumption on the Woolen Systems and Worsted Combing</i>
<i>Foreign Trade Reports</i>		
FT-410	Monthly	<i>U.S. Exports—Schedule E—Commodity by Country</i>
FT-135	Monthly	<i>U.S. General Imports—Schedule A—Commodity by Country</i>

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3,158:



U.S. Department of Commerce  
BUREAU OF THE CENSUS

# Consumption on the Cotton System

NOVEMBER 1980

M22P(81)-4  
Issued January 1981

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 10.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated
	Cotton			Manmade fibers			Cotton (1,000 running bales)	Manmade fiber staple (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
November (4 weeks).....	22,297	22,035	262	7,546	1,125	6,421	4,200	126,095	382
October (5 weeks).....	22,711	22,433	278	7,493	1,018	6,475	4,409	113,631	380
September (4 weeks).....	23,285	23,032	253	7,088	954	6,134	4,450	108,084	373
August (4 weeks).....	21,954	21,705	249	7,092	961	6,131	4,110	113,721	373
July (5 weeks).....	23,369	23,128	241	7,145	899	6,246	4,394	120,791	390
June (4 weeks).....	23,618	23,368	250	7,059	917	6,142	4,728	136,383	385
May (4 weeks).....	23,974	23,734	240	7,442	1,133	6,309	4,924	133,995	386
April (5 weeks).....	24,609	24,335	274	7,698	1,155	6,543	5,211	135,370	391
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,229	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
1979									
December (4 weeks).....	23,513	23,268	245	7,557	1,196	6,361	5,915	138,480	380
November (4 weeks).....	23,575	23,339	236	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	23,878	233	7,862	1,239	6,623	4,987	144,952	400
September (4 weeks).....	24,440	24,189	251	7,755	1,196	6,559	4,951	149,892	398
August (4 weeks).....	23,406	23,158	248	7,527	1,192	6,335	5,217	150,792	391
July (5 weeks).....	24,208	23,962	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,948	143,282	389
May (4 weeks).....	23,519	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,936	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,940	257	7,568	1,315	6,253	6,193	130,218	405
February (4 weeks).....	22,738	22,496	242	7,359	1,286	6,073	6,080	125,801	386
January (5 weeks).....	23,499	23,234	265	7,655	1,424	6,231	6,086	117,342	395
1978									
December (4 weeks).....	23,314	23,071	243	7,490	1,327	6,163	5,856	116,515	397
November (5 weeks).....	23,316	23,039	277	7,586	1,286	6,300	5,280	113,229	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	388
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	8,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	388
July (4 weeks).....	22,893	22,637	256	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,532	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,803	390
April (4 weeks).....	23,932	23,685	247	7,971	1,411	6,560	7,331	114,057	403
March (5 weeks).....	23,659	23,415	244	7,777	1,520	6,257	7,286	122,362	393
February (4 weeks).....	24,206	23,936	270	8,377	1,634	6,743	7,385	119,100	408
January (4 weeks).....	24,169	23,909	260	7,913	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room December 23, 1980; however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

For sale by Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 30 cents per copy, \$3.90 per year.

Table 8B. SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton (1,000 running bales)	Manmade fiber staple (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
November (4 weeks).....	22,811	22,564	247	7,749	1,116	6,633	5,809	120,169	388
October (5 weeks).....	23,884	23,600	284	7,829	1,101	6,728	3,924	109,654	398
September (4 weeks).....	22,816	22,571	245	7,011	957	6,054	2,363	110,138	367
August (4 weeks).....	22,130	21,879	251	7,153	979	6,174	2,400	114,176	378
July (5 weeks).....	18,473	19,266	207	6,094	772	5,322	2,777	121,033	329
June (4 weeks).....	23,883	23,625	258	7,220	937	6,283	3,343	135,837	393
May (4 weeks).....	24,781	24,518	263	7,811	1,205	6,606	4,225	133,995	403
April (5 weeks).....	24,899	24,603	296	7,957	1,165	6,792	5,216	140,920	402
March (4 weeks).....	25,654	25,372	282	8,348	1,298	7,050	6,326	140,999	414
February (4 weeks).....	25,353	25,087	268	8,198	1,295	6,903	7,547	155,012	436
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,996	133,772	352
November (4 weeks).....	24,099	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,117	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	130,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	122,903	367
November (5 weeks).....	23,809	23,546	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,090	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (4 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
November (4 weeks).....	63	53	304
October (5 weeks).....	64	48	307
September (4 weeks).....	66	45	289
August (4 weeks).....	62	45	291
July (5 weeks).....	66	42	296
June (4 weeks).....	66	55	288
May (4 weeks).....	68	53	299
April (5 weeks).....	69	54	310
March (4 weeks).....	69	60	321
February (4 weeks).....	66	60	322
January (5 weeks).....	66	60	326
1979			
December (4 weeks).....	66	56	302
November (4 weeks).....	66	59	305
October (5 weeks).....	68	58	314
September (4 weeks).....	64	56	311
August (4 weeks).....	66	56	300
July (5 weeks).....	58	59	305
June (4 weeks).....	67	60	296
May (4 weeks).....	66	55	297
April (5 weeks).....	65	62	289
March (4 weeks).....	68	62	296
February (4 weeks).....	64	61	288
January (5 weeks).....	66	67	295

Table 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, State, and type of material	November 1980		October 1980		November 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton <sup>1</sup> .....	456,218	227,944	597,086	296,680	481,980	239,758
By area and State:						
Cotton growing States.....	454,622	227,110	595,087	295,681	479,867	238,684
Alabama.....	59,433	29,664	78,950	38,665	60,100	29,825
Georgia.....	76,627	38,427	102,010	50,658	88,962	44,316
North Carolina.....	166,435	82,554	212,129	105,303	167,973	83,346
South Carolina.....	114,434	57,343	152,552	75,729	122,723	61,112
Tennessee.....	8,552	4,155	11,737	5,719	10,004	4,910
Texas.....	4,958	2,483	5,842	2,888	4,265	2,164
Virginia.....	15,238	7,547	20,981	10,437	14,799	7,393
Other States.....	8,945	4,937	10,886	6,282	11,041	5,618
New England.....	1,289	674	1,579	783	1,862	946
Rest of United States.....	307	160	420	216	251	128
By type of cotton:						
American upland.....	451,283	225,500	589,994	293,179	477,519	237,531
Staple less than 1 inch in length.....	15,994	7,875	22,033	10,899	23,063	11,490
1 inch and 1-1 3/4 inch staples.....	116,053	57,102	150,450	74,026	132,301	65,749
1-1 1/4 inch and 1-3 3/4 inch staples.....	281,069	140,977	372,974	185,234	282,347	140,112
Staples longer than 1-3 3/4 inch.....	27,476	13,738	31,905	15,943	27,905	13,845
Staples not specified by kind.....	10,691	5,808	12,632	7,077	11,903	6,335
American-Pima, Sea Island, and other domestic cotton...	4,798	2,376	6,746	3,329	4,326	2,166
Foreign cotton.....	137	68	346	172	135	61
Staple length 1-1 1/8 inch or more.....	137	68	346	172	135	61
Staple length under 1-1 1/8 inch.....						
Manmade fiber staple <sup>1 2</sup> .....	(X)	154,970	(X)	195,732	(X)	157,279
Rayon and acetate.....	(X)	22,329	(X)	27,522	(X)	24,759
Nylon.....	(X)	10,596	(X)	12,986	(X)	11,924
Acrylic and modacrylic.....	(X)	15,090	(X)	18,833	(X)	13,538
Polyester.....	(X)	105,746	(X)	134,719	(X)	105,834
Other manmade fiber.....	(X)	1,209	(X)	1,672	(X)	1,224

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup> Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup> Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for November and 25 for October.

<sup>3</sup> Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: November 1980, 31,526; October 1980, 42,328; and September 1980, 31,969.

Table 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(Quantity in thousands of pounds)

Area, State, and type of material	November 1980		October 1980		November 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton.....	752,784	372,793	743,188	370,382	730,211	363,414
By area and State:						
Cotton-growing States.....	747,350	370,191	737,748	367,726	723,235	359,969
Alabama.....	132,549	65,536	121,681	60,179	108,556	53,871
California.....	103,267	51,826	101,004	50,859	101,438	50,767
Georgia.....	205,975	100,552	196,086	97,451	214,356	106,815
North Carolina.....	226,894	113,791	239,749	119,805	<sup>r</sup> 225,720	<sup>r</sup> 112,371
South Carolina.....	44,539	21,624	47,458	23,278	<sup>r</sup> 39,785	<sup>r</sup> 19,454
Tennessee.....	6,546	3,283	6,693	3,363	4,957	2,418
Texas.....	16,453	8,149	<sup>r</sup> 18,288	<sup>r</sup> 9,123	17,560	8,771
Virginia.....	11,127	5,430	6,789	3,668	10,863	5,502
Other States.....	4,977	2,381	5,040	2,456	6,601	3,265
New England.....	457	221	400	200	375	180
Rest of United States.....						
By type of cotton:						
American upland.....	741,888	367,539	730,537	364,218	717,697	357,282
American-Pima, Sea Island, and other domestic cotton...	10,129	4,977	11,754	5,787	11,136	5,529
Foreign cotton.....	767	277	897	377	<sup>r</sup> 1,378	<sup>r</sup> 603
Staple length 1-1 7/8 inch or more.....	767	277	897	377	533	260
Staple length under 1-1 7/8 inch.....					<sup>r</sup> 845	<sup>r</sup> 343
Manmade fiber staple <sup>1</sup> .....	(X)	120,169	(X)	109,654	(X)	130,619
Rayon and acetate.....	(X)	17,582	(X)	16,754	(X)	22,111
Nylon.....	(X)	7,467	(X)	6,000	(X)	<sup>r</sup> 9,761
Acrylic and modacrylic.....	(X)	14,181	(X)	11,855	(X)	11,847
Polyester.....	(X)	80,031	(X)	74,367	(X)	85,984
Other manmade fiber.....	(X)	908	(X)	<sup>r</sup> 678	(X)	916

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton in running bales except that imports are in 500 lbs. equivalent gross bales)

Area, State, and type of material	November 29, 1980	November 1, 1980	December 1, 1979
Domestic and foreign cotton.....	5,055,936	3,180,711	6,897,976
By area and State:			
Cotton-growing States.....	5,055,884	3,180,643	6,897,858
Alabama.....	184,038	166,760	203,048
Arizona.....	401,887	166,640	450,440
Arkansas.....	243,121	222,050	340,025
California.....	1,080,981	402,153	1,331,583
Georgia.....	108,881	99,118	166,518
Louisiana.....	339,222	334,651	501,594
Mississippi.....	577,174	481,433	732,110
Missouri.....	113,414	114,569	132,505
New Mexico.....	95,590	31,337	( <sup>1</sup> )
North Carolina.....	100,626	79,348	78,167
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....	191,928	176,898	191,044
Tennessee.....	159,142	164,111	( <sup>1</sup> )
Texas.....	1,340,234	714,416	2,385,442
Virginia.....	-	-	-
Other States.....	119,646	27,159	385,382
New England.....	(D)	68	118
Rest of United States.....	(D)		
By type of cotton:			
American upland.....	5,002,644	3,163,038	6,847,011
American-Pima, Sea Island, and other domestic cotton.....	52,937	17,283	49,028
Foreign cotton <sup>2</sup> .....	355	390	1,937
Staple length 1-1 8 inch or more.....	(D)	(D)	(D)
Staple length under 1-1 8 inch.....	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales, reported on November 29, 1980 were withheld to avoid disclosing figures for individual companies.

Table 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	November 1980	October 1980	November 1979
Consumption.....	Run. bales...	77,695	96,605	74,730
Bleachers: running bales..	..do.....	49,518	56,356	61,313
gross weight...	M. lbs.....	30,332	34,683	38,013
Other consumers.....	Run. bales...	10,448	14,268	13,417
Pacific and Mountain States.....	..do.....	2,530	3,205	<sup>r</sup> 3,197
All other States.....	..do.....	7,918	11,063	10,220
Stocks (end of period).....	Run. bales...	447,300	380,362	163,621
Bleachers: running bales..	..do.....	202,816	196,897	74,741
gross weight...	M. lbs.....	122,263	117,525	46,168
Other consumers.....	Run. bales...	26,669	24,339	26,772
Pacific and Mountain States.....	..do.....	3,134	3,001	<sup>r</sup> 3,883
All other States.....	..do.....	23,535	21,338	22,889
Public storage and compresses.....	..do.....	28,692	22,625	1,880
Pacific and Mountain States.....	..do.....	28,692	22,625	1,880
All other States.....	..do.....			
Oil mills <sup>1</sup> .....	..do.....	189,123	136,501	60,228

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Estimated number of running bales based on information reported in pounds.

Table 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and State	Spindles in place	Active		
		100 percent cotton	100 percent manmade fibers	Other fibers and blends
NOVEMBER 1980				
United States.....	17,111	6,037	2,142	7,812
Cotton growing States.....	16,842	5,999	2,101	7,810
Alabama.....	1,686	716	133	777
Georgia.....	1,951	812	141	884
North Carolina.....	5,820	2,492	813	2,151
South Carolina.....	6,101	1,393	933	3,426
Tennessee.....	407	287	(D)	70
Texas.....	157	26	24	(D)
Virginia.....	535	148	(D)	(D)
Other States.....	185	125	-	57
New England.....	269	38	41	2
Rest of United States.....				
OCTOBER 1980				
United States.....	17,136	6,118	2,118	7,851
Cotton growing States.....	16,867	6,080	2,077	7,849
Alabama.....	1,694	714	133	780
Georgia.....	1,951	834	144	869
North Carolina.....	5,826	2,515	804	2,146
South Carolina.....	6,114	1,429	915	3,466
Tennessee.....	407	287	(D)	71
Texas.....	157	26	24	(D)
Virginia.....	535	150	(D)	(D)
Other States.....	183	125	-	58
New England.....	269	38	41	2
Rest of United States.....				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. Revised by 5 percent or more from previously published figures.

Table 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and State	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
NOVEMBER 1980				
United States.....	7,758	3,115	932	3,688
Cotton growing States.....	7,739	3,105	924	3,687
Alabama.....	781	389	55	337
Georgia.....	836	380	62	371
North Carolina.....	2,551	1,232	327	992
South Carolina.....	2,949	834	440	1,675
Tennessee.....	212	136	(D)	(D)
Texas.....	70	(D)	13	(D)
Virginia.....	243	60	(D)	(D)
Other States.....	97	66	-	31
New England.....	19	10	8	1
Rest of United States.....				
OCTOBER 1980				
United States.....	9,938	4,111	1,183	4,644
Cotton growing States.....	9,914	4,098	1,173	4,643
Alabama.....	1,007	512	72	423
Georgia.....	1,015	499	70	446
North Carolina.....	3,307	1,617	437	1,253
South Carolina.....	3,776	1,108	543	2,125
Tennessee.....	286	186	(D)	(D)
Texas.....	81	(D)	16	(D)
Virginia.....	325	84	(D)	(D)
Other States.....	117	82	-	35
New England.....	24	13	10	1
Rest of United States.....				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.



Table 8. CONSUMPTION, STOCKS, AND SPINDLE ACTIVITY ON THE COTTON SYSTEM, BY INDUSTRY GROUPS

Item	Unit of measure	All industries, total	Weaving mills (SIC 221-222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
NOVEMBER 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	456,218	328,469	92,353	35,396
Stocks <sup>2</sup> .....	Bales.....	752,784	543,318	153,470	55,996
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	154,970	98,184	33,309	23,477
Stocks.....	M. lbs.....	120,169	72,114	26,658	21,397
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	22,329	13,927	4,531	3,871
Stocks.....	M. lbs.....	17,582	8,409	6,014	3,159
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	132,641	84,257	28,778	19,606
Stocks.....	M. lbs.....	102,587	63,705	20,644	18,238
Spindle activity:					
Spindles in place.....	Thousands....	17,111	11,798	3,912	1,401
Active spindle.....	Thousands....	15,991	11,058	3,683	1,250
Hours operated.....	Millions.....	7,758	5,412	1,738	608
OCTOBER 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	597,086	430,705	121,114	45,267
Stocks <sup>2</sup> .....	Bales.....	743,188	535,648	153,164	54,376
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	195,732	123,035	42,125	30,572
Stocks.....	M. lbs.....	109,654	67,422	23,490	18,742
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	27,522	17,025	5,612	4,885
Stocks.....	M. lbs.....	16,754	8,735	5,284	2,735
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	168,210	106,010	36,513	25,687
Stocks.....	M. lbs.....	92,900	58,687	18,206	16,007
Spindle activity:					
Spindles in place.....	Thousands....	17,121	11,827	3,921	1,373
Active spindle.....	Thousands....	16,086	11,152	3,686	1,248
Hours operated.....	Millions.....	9,951	6,938	2,229	784

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Revised by 5 percent or more from previously published.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 20 for November and 25 for October.

<sup>3</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>4</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and lintens; thousand pounds for staple)

Country to which exported	October 1980	September 1980	Cotton season 3 months through Oct. 1980
<b>COTTON</b>			
Total.....	237,359	393,276	1,032,838
Canada.....	16,739	16,725	55,917
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	8,653	17,142	50,173
Republic of Philippines.....	4,121	12,366	30,812
Republic of Korea.....	73,502	82,762	253,668
China-Taiwan.....	13,917	32,705	61,639
Japan.....	56,670	44,155	171,097
Other countries.....	63,757	187,421	409,532
<b>LINTERS</b>			
Total.....	15,568	18,679	51,430
Canada.....	3,443	2,493	10,617
Mexico.....	4,501	5,491	11,302
United Kingdom.....	171	71	384
Federal Republic of Germany.....	-	628	628
Japan.....	4,848	7,612	19,126
Other countries.....	2,605	2,384	9,373
<b>MANMADE FIBER STAPLE AND TOW</b>			
Total.....	81,801	52,433	216,591
Canada.....	6,379	7,290	21,809
Brazil.....	156	403	863
United Kingdom.....	182	294	1,179
Netherlands.....	159	325	1,032
Belgium.....	1,173	855	3,744
Federal Republic of Germany.....	112	239	631
Switzerland.....	194	74	449
U.S.S.R.....	-	-	150
Hong Kong.....	867	574	2,733
Japan.....	1,776	1,552	5,369
Australia.....	1,824	2,063	7,630
Other countries.....	66,979	38,764	171,002

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; lintens, numbers 3003011 and 3003021; manmade fiber staple, numbers 3094219, 3094221, 3094240, 3094242, 3094245, 3094246, and 3094247; and tow, numbers 3093220, 3093240, 3093250, and prior to April 1980, 3093270.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 480 lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	October 1980	September 1980	Cotton season 3 months through October 1980
COTTON			
Total.....	1,121	1,594	2,715
Mexico.....	1,121	1,594	2,715
Peru.....	-	-	-
Brazil.....	-	-	-
India.....	-	-	-
Egypt.....	-	-	-
Sudan.....	-	-	-
Other countries.....	-	-	-
LINTERS			
Total.....	4,615	4,664	21,125
Mexico <sup>1</sup> .....	1,448	373	2,873
Brazil.....	-	4,291	13,476
Other countries.....	3,167	-	4,976
MANMADE FIBER STAPLE AND TOW			
Total.....	1,426	1,564	4,151
Canada.....	479	228	817
United Kingdom.....	30	33	123
France.....	1	43	44
Federal Republic of Germany.....	657	511	1,483
Austria.....	20	301	509
Switzerland.....	-	-	-
Italy.....	-	5	5
Japan.....	55	405	693
Other countries.....	184	38	477

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Equivalent 580 lb. gross weight bales for Mexico linters.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1980/81 forecast	1979/80 preliminary	1978/79
Supply.....	85.7	87.3	84.6
Stock, August 1.....	21.7	21.7	24.4
Production.....	64.0	65.6	60.2
Distribution.....	85.7	87.2	84.6
Consumption.....	65.1	65.5	62.9
Stocks, July 31.....	20.6	21.7	21.7
Difference <sup>1</sup> .....	0.0	-0.1	0.0

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 1
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 18. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going

into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. **Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. **Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. **Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. **Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. **Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. **"Direct" vs "Total" Commodity Exports and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. **Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. **Geographic Area of Coverage**—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipments) data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

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*Foreign Trade Reports*

FT-410	Monthly	<i>U.S. Exports—Schedule E—Commodity by Country</i>
FT-135	Monthly	<i>U.S. General Imports—Schedule A—Commodity by Country</i>

**CONTACTS FOR DATA USERS**

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Richard Hanks	(301) 763-7809
Foreign Trade publications	Juanita Noone	(301) 763-5140
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To order Census Bureau microfiche	Maria Brown	(301) 763-5511



# Consumption on the Cotton System

DECEMBER 1980

M22P(81)-5  
Issued February 1981U.S. Department of Commerce  
BUREAU OF THE CENSUS

The statistics in this publication are based on a survey of manufacturers and represent total U.S. consumption of cotton and manmade fiber staple on the cotton system. Estimates are

included for companies whose reports were not received in time for tabulation. A more complete description of this survey appears on page 10.

## THIS REPORT INCLUDES DATA COMPARING DOMESTIC OUTPUT, EXPORTS, AND IMPORTS

Table 1A SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated (mil.)
	Cotton			Manmade fibers			Cotton (1,000 running bales)	Manmade fiber staple (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
December (5 weeks).....	20,207	19,942	265	7,222	1,104	6,118	4,444	142,055	364
November (4 weeks).....	22,369	22,107	262	7,468	1,145	6,323	4,208	125,841	393
October (5 weeks).....	22,297	22,433	278	7,493	1,018	6,475	4,409	113,631	380
September (4 weeks).....	23,285	23,032	253	7,088	954	6,134	4,450	108,084	373
August (4 weeks).....	21,954	21,709	249	7,092	961	6,131	4,110	113,721	373
July (5 weeks).....	23,369	23,128	241	7,145	899	6,246	4,394	120,791	390
June (4 weeks).....	23,618	23,368	250	7,059	917	6,142	4,728	136,383	385
May (4 weeks).....	23,974	23,734	240	7,442	1,133	6,309	4,924	133,995	386
April (5 weeks).....	24,609	24,335	274	7,698	1,155	6,543	5,211	135,370	391
March (4 weeks).....	24,625	24,373	252	8,052	1,280	6,772	5,501	138,779	403
February (4 weeks).....	23,491	23,229	262	8,077	1,283	6,794	5,774	138,473	427
January (5 weeks).....	23,542	23,299	243	8,140	1,274	6,866	6,016	136,895	391
1979									
December (4 weeks).....	23,513	23,268	245	7,557	1,196	6,361	5,915	138,480	380
November (4 weeks).....	23,575	23,334	246	7,674	1,247	6,427	5,532	136,631	388
October (5 weeks).....	24,111	23,878	233	7,862	1,239	6,623	4,487	144,952	400
September (4 weeks).....	24,440	24,189	251	7,755	1,196	6,559	4,951	149,892	398
August (4 weeks).....	23,406	23,158	248	7,527	1,142	6,385	5,217	150,792	391
July (5 weeks).....	24,208	23,962	246	7,684	1,253	6,431	5,580	146,835	400
June (4 weeks).....	23,923	23,654	269	7,515	1,268	6,247	5,948	143,282	389
May (4 weeks).....	23,519	23,267	252	7,438	1,177	6,261	6,100	143,438	393
April (5 weeks).....	23,157	22,936	221	7,411	1,320	6,091	6,144	137,796	388
March (4 weeks).....	24,197	23,940	257	7,568	1,315	6,253	6,193	130,218	405
February (4 weeks).....	22,738	22,496	242	7,359	1,266	6,093	6,080	125,801	386
January (5 weeks).....	23,499	23,234	265	7,655	1,424	6,231	6,086	117,342	395
1978									
December (4 weeks).....	23,314	23,071	243	7,440	1,327	6,113	5,856	116,515	397
November (5 weeks).....	23,316	23,039	277	7,586	1,266	6,300	5,280	113,229	393
October (4 weeks).....	23,196	22,957	239	7,559	1,360	6,199	7,119	110,994	388
September (5 weeks).....	22,948	22,708	240	7,576	1,370	6,206	6,411	112,568	391
August (4 weeks).....	22,872	22,617	255	7,422	1,345	6,077	7,765	113,578	388
July (4 weeks).....	22,893	22,617	276	7,361	1,321	6,040	7,757	109,859	387
June (5 weeks).....	22,532	22,280	252	7,536	1,347	6,189	7,731	111,187	393
May (4 weeks).....	23,452	23,205	247	7,472	1,296	6,176	7,440	117,803	390
April (4 weeks).....	23,932	23,685	247	7,471	1,411	6,060	7,331	114,057	403
March (5 weeks).....	23,659	23,412	244	7,777	1,520	6,257	7,286	122,362	393
February (4 weeks).....	24,206	23,936	270	8,377	1,634	6,743	7,385	119,100	408
January (4 weeks).....	24,164	23,909	260	7,913	1,602	6,311	7,359	117,905	402

Note: Selected data in this report were available at the U.S. Department of Commerce Press Room, January 23, 1981, however, the printing and mailing of this report occurs 7 to 10 days after the aforementioned release date.

<sup>1</sup>Daily average is based on a 5-day week with no adjustment for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

or sale by Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 30 cents per copy, \$3.90 per year.

Table 1B SUMMARY OF DAILY AVERAGES OF COTTON AND MANMADE FIBERS CONSUMED AND SPINDLE HOURS OPERATED, AND END-OF-MONTH STOCKS, NOT SEASONALLY ADJUSTED

Month and year	Daily average consumption <sup>1</sup>						Stocks		Daily average spindle hours operated <sup>1</sup> (mil.)
	Cotton			Manmade fibers			Cotton (1,000 running bales)	Manmade fiber staple (1,000 pounds)	
	Total (running bales)	Upland (running bales)	Long staple <sup>2</sup> (running bales)	Total (1,000 pounds)	Cellulosic (1,000 pounds)	Noncellulosic (1,000 pounds)			
1980									
December (5 weeks).....	18,737	18,526	211	6,612	940	5,622	6,755	137,083	337
November (4 weeks).....	22,885	22,638	247	7,668	1,136	6,532	5,820	119,926	399
October (5 weeks).....	23,884	23,600	284	7,829	1,101	6,728	3,924	109,654	398
September (4 weeks).....	22,816	22,571	245	7,011	957	6,054	2,363	110,138	367
August (4 weeks).....	22,130	21,879	251	7,153	979	6,174	2,400	114,176	378
July (5 weeks).....	18,473	19,266	207	6,094	772	5,322	2,777	121,033	329
June (4 weeks).....	23,883	23,625	258	7,220	937	6,283	3,343	135,837	393
May (4 weeks).....	24,781	24,518	263	7,811	1,205	6,606	4,225	133,995	403
April (5 weeks).....	24,849	24,603	246	7,957	1,165	6,792	5,216	140,920	402
March (4 weeks).....	25,654	25,372	282	8,348	1,298	7,050	6,326	140,999	414
February (4 weeks).....	25,353	25,087	268	8,198	1,245	6,903	7,547	155,012	436
January (5 weeks).....	24,160	23,905	255	8,168	1,308	6,859	8,639	136,074	402
1979									
December (4 weeks).....	21,813	21,618	195	6,919	1,073	5,846	8,496	133,772	352
November (4 weeks).....	24,044	23,876	223	7,864	1,238	6,626	7,628	130,619	394
October (5 weeks).....	25,188	24,950	238	8,226	1,338	6,888	4,433	140,169	418
September (4 weeks).....	24,177	23,874	243	7,680	1,200	6,480	2,629	152,890	392
August (4 weeks).....	23,617	23,367	250	7,608	1,216	6,392	3,047	151,546	396
July (5 weeks).....	20,127	19,916	211	6,564	1,078	5,486	3,532	147,129	338
June (4 weeks).....	24,454	24,177	277	7,697	1,300	6,397	4,217	142,709	398
May (4 weeks).....	24,193	23,916	277	7,815	1,253	6,562	5,240	143,008	411
April (5 weeks).....	23,358	23,119	239	7,648	1,332	6,316	6,156	143,032	398
March (4 weeks).....	25,306	25,026	286	7,835	1,332	6,503	7,134	131,781	416
February (4 weeks).....	23,567	23,319	248	7,459	1,295	6,164	7,953	136,456	394
January (5 weeks).....	24,114	23,837	277	7,670	1,458	6,212	8,740	116,755	406
1978									
December (4 weeks).....	21,735	21,540	195	6,851	1,193	5,658	8,913	122,903	367
November (5 weeks).....	23,809	23,566	263	7,750	1,280	6,470	7,234	108,813	399
October (4 weeks).....	24,040	23,845	245	7,918	1,465	6,453	6,329	107,775	406
September (5 weeks).....	22,780	22,547	233	7,524	1,374	6,150	4,466	115,045	385
August (4 weeks).....	22,941	22,684	257	7,525	1,375	6,150	4,527	114,259	395
July (4 weeks).....	19,169	18,951	218	6,309	1,139	5,170	4,926	110,298	327
June (5 weeks).....	22,984	22,726	258	7,731	1,387	6,344	5,520	110,742	402
May (4 weeks).....	24,173	23,900	273	7,867	1,382	6,485	6,413	116,861	408
April (4 weeks).....	24,213	23,946	267	8,205	1,422	6,783	7,368	117,707	413
March (5 weeks).....	24,790	24,520	270	8,030	1,535	6,495	8,415	122,851	403
February (4 weeks).....	25,042	24,764	278	8,468	1,637	6,831	9,674	122,673	416

<sup>1</sup>Daily average is based on a 5-day week with no adjustments for holidays.

<sup>2</sup>Long staple cotton includes American-Pima, Egyptian, Sudanese, and all other foreign cotton.

Table 1C. INDEX OF DAILY AVERAGE COTTON AND MANMADE FIBER STAPLE CONSUMPTION

(Seasonally adjusted. Index is computed on 1967 daily average = 100)

Month and year	Cotton	Cellulosic	Noncellulosic
1980			
December (5 weeks).....	57	52	290
November (4 weeks).....	63	54	300
October (5 weeks).....	64	48	307
September (4 weeks).....	66	45	289
August (4 weeks).....	62	45	291
July (5 weeks).....	66	42	296
June (4 weeks).....	66	43	288
May (4 weeks).....	68	53	299
April (5 weeks).....	69	54	310
March (4 weeks).....	69	60	321
February (4 weeks).....	66	60	322
January (5 weeks).....	66	60	326
1979			
December (4 weeks).....	66	56	302
November (4 weeks).....	66	54	305
October (5 weeks).....	68	58	314
September (4 weeks).....	69	59	311
August (4 weeks).....	66	56	300
July (5 weeks).....	58	54	305
June (4 weeks).....	67	60	296
May (4 weeks).....	66	55	297
April (5 weeks).....	66	62	284
March (4 weeks).....	66	62	296
February (4 weeks).....	64	61	288
January (5 weeks).....	66	67	295



Table 2. CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE

Area, State, and type of material	December 1980		November 1980		December 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton <sup>1</sup> .....	468,438	232,725	457,699	228,722	436,264	216,003
By area and State:						
Cotton growing States.....	466,883	232,088	456,025	227,885	434,264	214,964
Alabama.....	62,583	31,454	58,362	29,655	58,409	28,643
Georgia.....	80,134	39,315	76,679	38,463	81,179	40,007
North Carolina.....	163,471	81,105	166,127	82,404	150,587	74,588
South Carolina.....	125,006	62,186	116,715	58,297	109,550	54,632
Tennessee.....	9,519	4,785	8,552	4,155	8,993	4,342
Texas.....	4,433	1,796	4,703	2,340	4,060	1,986
Virginia.....	14,851	7,358	15,238	7,547	12,230	6,098
Other States.....	7,885	4,089	9,649	5,024	9,174	4,668
New England.....	1,259	490	1,347	669	1,851	922
Rest of United States.....	296	147	327	168	231	117
By type of cotton:						
American upland.....	463,157	230,125	452,750	226,277	432,367	214,061
Staple less than 1 inch in length.....	15,731	7,770	16,093	7,922	21,536	10,625
1 inch and 1-1/32 inch staples.....	117,271	58,025	116,056	57,124	116,929	57,367
1-1/8 inch and 1-3/32 inch staples.....	283,959	141,679	283,879	141,928	260,397	129,424
Staples longer than 1-3/32 inch.....	27,444	13,714	27,482	13,741	24,803	12,246
Staples not specified by kind.....	18,752	8,937	9,240	5,562	8,702	4,399
American-Pima, Sea Island, and other domestic cotton...	5,193	2,563	4,785	2,371	3,758	1,877
Foreign cotton.....	88	37	164	74	139	65
Staple length 1-1/8 inch or more.....	88	37	164	74	139	65
Staple length under 1-1/8 inch.....						
Manmade fiber staple <sup>2</sup> .....	(X)	165,286	(X)	153,358	(X)	138,378
Rayon and acetate.....	(X)	24,744	(X)	22,720	(X)	21,456
Nylon.....	(X)	11,106	(X)	9,815	(X)	10,386
Acrylic and modacrylic.....	(X)	15,393	(X)	14,372	(X)	11,633
Polvester.....	(X)	112,243	(X)	105,242	(X)	93,697
Other manmade fiber.....	(X)	1,800	(X)	1,209	(X)	1,206

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

(X) Not applicable.

<sup>1</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for December and 20 for November.

<sup>2</sup>Represents consumption in mills with cotton system spindles. Consumption of manmade fiber staple, including top converted from manmade fiber tow without combing, in woolen and worsted mills as follows: not available for December 1980; 35,255 for November 1980 31,551 for December 1979.

Table 3. STOCKS OF COTTON AND MANMADE FIBER STAPLE HELD BY CONSUMING ESTABLISHMENTS

(Quantity in thousands of pounds)

Area, State, and type of material	December 1980		November 1980		December 1979	
	Bales	1,000 pounds	Bales	1,000 pounds	Bales	1,000 pounds
Domestic and foreign cotton.....	824,410	410,870	749,522	371,619	833,427	413,934
By area and State:						
Cotton-growing States.....	817,977	407,757	743,959	368,947	825,213	409,880
Alabama.....	136,974	67,570	132,513	65,519	124,894	62,103
California.....	113,913	57,624	102,479	51,454	110,513	55,372
Georgia.....	251,190	124,746	205,452	100,335	250,003	124,273
North Carolina.....	242,025	121,344	227,121	114,005	255,236	127,043
South Carolina.....	39,338	19,120	44,539	21,624	48,168	23,238
Tennessee.....	7,813	3,918	6,867	3,454	7,203	3,555
Texas.....	13,938	6,938	16,453	8,149	19,497	9,412
Virginia.....	12,786	6,497	18,535	9,407	9,710	4,884
Other States.....	5,924	2,866	5,106	2,451	7,781	3,849
New England.....	509	247	457	221	433	205
Rest of United States.....						
By type of cotton:						
American upland.....	814,227	405,945	738,692	366,395	821,622	408,136
American-Pima, Sea Island, and other domestic cotton...	9,451	4,665	10,063	4,947	10,406	5,173
Foreign cotton.....	732	260	767	277	1,399	625
Staple length 1-1 8 inch or more.....	732	260	767	277	1,399	625
Staple length under 1-1 8 inch.....						
Manmade fiber staple <sup>1</sup> .....	(X)	137,083	(X)	119,926	(X)	133,772
Rayon and acetate.....	(X)	18,736	(X)	17,585	(X)	22,343
Nylon.....	(X)	8,947	(X)	7,438	(X)	11,559
Acrylic and modacrylic.....	(X)	16,180	(X)	14,307	(X)	12,956
Polyester.....	(X)	92,331	(X)	79,688	(X)	85,958
Other manmade fiber.....	(X)	889	(X)	908	(X)	956

Note: Cotton - bales are running bales except that imports are in 500 lbs. equivalent gross bales. Thousands of pounds are on net trading weight basis. Manmade fiber staple - thousands of pounds.

<sup>1</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>2</sup>Represents stocks in cotton mills. Stocks in other textile mills are not available.

Table 4. STOCKS OF COTTON HELD AT PUBLIC STORAGE AND AT COMPRESSES

(Cotton in running bales except that imports are in 500 lbs. equivalent gross bales)

Area, State, and type of material	January 3, 1981	November, 29 1980	December 29, 1979
Domestic and foreign cotton.....	5,930,613	5,070,725	8,162,806
By area and State:			
Cotton growing States.....	5,930,552	5,070,673	8,162,673
Alabama.....	173,566	184,038	224,831
Arizona.....	528,833	401,887	509,354
Arkansas.....	217,242	258,076	337,153
California.....	1,432,240	1,080,981	1,530,052
Georgia.....	108,719	103,871	179,811
Louisiana.....	283,714	339,402	496,903
Mississippi.....	476,156	577,174	785,233
Missouri.....	81,097	113,414	97,283
New Mexico.....	143,745	95,590	( <sup>1</sup> )
North Carolina.....	103,637	100,626	101,182
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
South Carolina.....	204,348	191,699	185,166
Tennessee.....	137,086	159,142	( <sup>1</sup> )
Texas.....	1,889,601	1,340,127	3,178,654
Virginia.....	-	-	-
Other States.....	150,568	119,646	537,151
New England.....	(D)	(D)	133
Rest of United States.....	(D)	(D)	(D)
By type of cotton:			
American upland.....	5,862,204	5,017,433	8,087,593
American-Pima, Sea Island, and other domestic cotton.....	68,054	52,937	72,776
Foreign cotton <sup>2</sup> .....	355	355	2,437
Staple length 1-1 5/8 inch or more.....	(D)	(D)	(D)
Staple length under 1-1 5/8 inch.....	(D)	(D)	(D)

- Represents zero. (D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Included in other States in the same area.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500 lb. equivalent gross weight bales, reported on January 3, 1981 were withheld to avoid disclosing figures for individual companies.

Table 5. QUANTITY OF LINTERS CONSUMPTION AND STOCKS

Consumer or warehouse	Unit of measure	December 1980	November 1980	December 1979
Consumption.....	Run. bales...	69,383	59,982	70,438
Bleachers: running bales..	..do.....	57,859	49,518	59,143
gross weight...	M. lbs.....	36,018	30,332	36,753
Other consumers.....	Run. bales...	11,504	10,464	11,295
Pacific and Mountain States.....	..do.....	2,743	2,669	2,789
All other States.....	..do.....	8,761	7,795	8,506
Stocks (end of period).....	Run. bales...	498,940	446,387	191,974
Bleachers: running bales..	..do.....	228,363	202,816	81,768
gross weight...	M. lbs.....	138,206	122,263	50,145
Other consumers.....	Run. bales...	26,544	25,756	29,525
Pacific and Mountain States.....	..do.....	2,385	2,446	4,357
All other States.....	..do.....	24,159	23,310	25,168
Public storage and compresses.....	..do.....	30,200	28,692	3,691
Pacific and Mountain States.....	..do.....	30,200	28,692	3,691
All other States.....	..do.....	213,833	189,123	76,990
Oil mills <sup>1</sup> .....	..do.....			

<sup>1</sup>Revised by 5 percent or more from previously published figures.

<sup>2</sup>Estimated number of running bales based on information reported in pounds.

Table 6. COTTON SYSTEM SPINDLES IN PLACE, ACTIVE, BY TYPE OF FIBER SPUN

(In thousands)

Area and State	Spindles in place	Active		
		100 percent cotton	100 percent manmade fibers	Other fibers and blends
DECEMBER 1980				
United States.....	17,064	6,001	2,125	7,771
Cotton growing States.....	16,795	5,961	2,084	7,770
Alabama.....	1,692	734	141	762
Georgia.....	1,951	821	132	876
North Carolina.....	5,769	2,455	794	2,130
South Carolina.....	6,100	1,373	934	3,413
Tennessee.....	408	283	(D)	80
Texas.....	156	26	24	(D)
Virginia.....	535	144	(D)	(D)
Other States.....	184	125	-	51
New England.....	269	40	41	1
Rest of United States.....				
NOVEMBER 1980				
United States.....	17,109	6,020	2,149	7,791
Cotton growing States.....	16,840	6,004	2,108	7,789
Alabama.....	1,686	723	133	765
Georgia.....	1,951	819	139	880
North Carolina.....	5,820	2,487	819	2,147
South Carolina.....	6,099	1,391	933	3,426
Tennessee.....	407	287	(D)	78
Texas.....	157	26	26	(D)
Virginia.....	535	148	(D)	(D)
Other States.....	185	123	-	57
New England.....	269	116	41	2
Rest of United States.....				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. Revised by 5 percent or more from previously published figures.

Table 7. COTTON SYSTEM SPINDLE HOURS BY TYPE OF FIBER SPUN

(In millions)

Area and State	Total spindle hours	100 percent cotton	100 percent manmade fibers	Other fibers and blends
DECEMBER 1980				
United States.....	8,422	3,444	997	3,981
Cotton growing States.....	8,408	3,440	988	3,980
Alabama.....	831	411	58	362
Georgia.....	837	384	62	391
North Carolina.....	2,570	1,211	352	1,007
South Carolina.....	3,556	1,181	471	1,904
Tennessee.....	226	(D)	(D)	58
Texas.....	70	(D)	14	(D)
Virginia.....	246	57	(D)	(D)
Other States.....	72	45	-	27
New England.....	14	4	9	1
Rest of United States.....				
NOVEMBER 1980				
United States.....	7,978	3,375	924	3,679
Cotton growing States.....	7,965	3,371	916	3,678
Alabama.....	772	388	54	330
Georgia.....	812	381	62	369
North Carolina.....	2,540	1,227	323	990
South Carolina.....	3,224	1,106	437	1,681
Tennessee.....	212	136	(D)	(D)
Texas.....	68	(D)	13	(D)
Virginia.....	242	60	(D)	(D)
Other States.....	95	65	-	30
New England.....	13	4	8	1
Rest of United States.....				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

Table 8. CONSUMPTION, STOCKS, AND SPINDLE ACTIVITY ON THE COTTON SYSTEM, BY INDUSTRY GROUPS

Item	Unit of measure	All industries, total	Weaving mills (SIC 221-222, 223, and 224)	Yarns and thread mills (SIC 228)	All other industry groups
DECEMBER 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	468,438	339,893	96,123	32,422
Stocks <sup>2</sup> .....	Bales.....	824,410	587,590	169,735	67,085
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	165,286	104,686	35,178	25,422
Stocks.....	M. lbs.....	137,083	81,834	32,303	22,946
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	24,744	15,205	5,252	4,287
Stocks.....	M. lbs.....	18,736	9,137	6,617	2,982
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	140,542	89,481	29,926	21,135
Stocks.....	M. lbs.....	118,347	72,697	25,686	19,964
Spindle activity:					
Spindles in place.....	Thousands....	17,023	11,709	3,914	1,400
Active spindle.....	Thousands....	15,896	10,972	3,683	1,241
Hours operated.....	Millions.....	8,422	6,034	1,791	597
NOVEMBER 1980					
Domestic and foreign cotton: <sup>1</sup>					
Consumption <sup>2</sup> .....	Bales.....	457,699	333,193	92,503	r32,003
Stocks <sup>2</sup> .....	Bales.....	749,522	535,344	154,479	r59,699
Manmade fiber staple: <sup>1 3</sup>					
Consumption.....	M. lbs.....	153,358	97,974	32,187	23,197
Stocks.....	M. lbs.....	119,926	71,032	27,565	21,329
Cellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	22,720	14,204	4,645	3,871
Stocks.....	M. lbs.....	17,585	8,403	6,023	3,159
Noncellulosic: <sup>1</sup>					
Consumption.....	M. lbs.....	130,638	83,770	27,542	19,326
Stocks.....	M. lbs.....	102,341	62,629	21,542	18,170
Spindle activity:					
Spindles in place.....	Thousands....	17,109	11,796	3,914	1,399
Active spindle.....	Thousands....	15,960	11,021	3,695	1,244
Hours operated.....	Millions.....	7,978	5,679	1,726	573

Note: SIC is the abbreviation for Standard Industrial Classification.

<sup>1</sup>Revised by 5 percent or more from previously published.

<sup>2</sup>Daily average cotton and manmade fiber staple consumption should be based on a 5-day week with no adjustment for holidays. For this report, the number of work days used are: 25 for December and 20 for November.

<sup>3</sup>Domestic cotton is reported in running bales and foreign cotton in 500 lb. equivalent gross bales.

<sup>4</sup>Represents consumption in mills with cotton system spindles.

Table 9. EXPORTS OF DOMESTIC COTTON, MANMADE FIBER STAPLE AND TOW, AND LINTERS

(Running bales for cotton and linters; thousand pounds for staple)

Country to which exported	November 1980	October 1980	Cotton season 3 months through Nov. 1980
COTTON			
Total.....	435,605	237,359	1,468,443
Canada.....	15,690	16,739	71,607
India.....	-	-	-
South Vietnam.....	-	-	-
Indonesia.....	15,506	8,653	65,679
Republic of Philippines.....	1,644	4,121	32,456
Republic of Korea.....	83,301	73,502	336,969
China-Taiwan.....	28,746	13,917	90,385
Japan.....	89,540	56,670	260,637
Other countries.....	201,178	63,757	610,710
LINTERS			
Total.....	20,719	15,568	72,149
Canada.....	3,989	3,443	14,606
Mexico.....	2,903	4,501	14,205
United Kingdom.....	169	171	553
Federal Republic of Germany.....	9,548	-	10,176
Japan.....	3,363	4,848	22,489
Other countries.....	747	2,605	10,120
MANMADE FIBER STAPLE AND TOW			
Total.....	58,073	81,801	274,664
Canada.....	7,926	6,379	29,735
Brazil.....	338	156	1,201
United Kingdom.....	703	182	1,882
Netherlands.....	346	159	1,378
Belgium.....	962	1,173	4,706
Federal Republic of Germany.....	94	112	725
Switzerland.....	40	194	489
U.S.S.R.....	-	-	150
Hong Kong.....	1,944	867	4,677
Japan.....	686	1,776	6,055
Australia.....	1,420	1,824	9,050
Other countries.....	43,613	68,979	214,615

Note: Includes Schedule B numbers as follows: Cotton, numbers 3001030, 3001060, 3001530, and 3001550; linters, numbers 3003011 and 3003021; manmade fiber staple, numbers 3094219, 3094222, 3094240, 3094242, 3094245, 3094246, and 3094247; and tow, numbers 3093220, 3093240, 3093250, and prior to April 1980, 3093270.

- Represents zero.

Table 10. IMPORTS FOR CONSUMPTION OF FOREIGN COTTON, MANMADE FIBER STAPLE, AND LINTERS  
(Equivalent 480lb. gross weight bales for cotton and linters; thousand pounds for staple)

Country of production	November 1980	October 1980	September 1980	August 1980	Cotton season 4 months through November 1980
<b>COTTON</b>					
Total.....	5,218	1,121	1,594	-	7,933
Mexico.....	4,171	1,121	1,594	-	6,886
Peru.....	-	-	-	-	-
Brazil.....	-	-	-	-	-
India.....	-	-	-	-	-
Egypt.....	-	-	-	-	-
Sudan.....	-	-	-	-	-
Other countries.....	1,047	-	-	-	1,047
<b>LINTERS</b>					
Total.....	1,006	4,615	4,664	11,846	22,131
Mexico <sup>1</sup> .....	906	1,448	373	852	3,579
Brazil.....	100	-	4,291	9,185	13,576
Other countries.....	-	3,167	-	1,809	4,976
<b>MANMADE FIBER STAPLE AND TOW<sup>2</sup></b>					
Total.....	4,146	3,258	2,813	2,316	12,533
Canada.....	623	547	262	180	1,612
United Kingdom.....	164	31	36	41	322
France.....	7	1	65	-	73
Federal Republic of Germany.....	1,322	703	532	334	2,891
Austria.....	148	20	301	188	657
Switzerland.....	-	-	2	2	4
Italy.....	34	-	48	39	121
Japan.....	349	200	652	253	1,454
Other countries.....	1,449	1,756	915	1,229	5,399

Note: Entered for immediate consumption and withdrawn from bonded warehouses for consumption. Includes Tariff Schedule of U.S. Annotated T.S.U.S.A. numbers as follows: Cotton, numbers 3001020, 3001040, 3001520, 3001540, 3001560, and 3002000; linters, number 3003000; manmade fiber staple, numbers 3094100, 3094320, 3094325, 3094340, 3094345, 3094349, and 3095040.

- Represents zero.

<sup>1</sup>Equivalent 580 lb. gross weight bales for Mexico linters.

<sup>2</sup>The data shown for manmade fiber staple and tow for August, September, and October have been revised from previously published figures.

Table 11. WORLD SUPPLY AND DISTRIBUTION OF COTTON

(In million bales of 480 lb. net)

Item	1980 81 forecast	1979 80 preliminary	1978 79
Supply.....	85.7	87.3	84.6
Stock, August 1.....	21.7	21.7	24.4
Production.....	64.0	65.6	60.2
Distribution.....	85.7	87.2	84.6
Consumption.....	65.1	65.5	62.4
Stocks, July 31.....	20.6	21.7	21.7
Difference <sup>1</sup> .....	0.0	-0.1	0.0

<sup>1</sup>Net cotton afloat, destroyed, and unaccounted.

Source: Foreign Agricultural Service, USDA.

## DESCRIPTION OF SURVEY

*Scope of Survey*—This survey covers public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

*Sampling Description*—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters. The aggregates published in this report have been compiled from a sample of approximately 800 consumers and 1,200 warehouses, accounting for 95 percent of the total consumption and commercial stocks.

*Survey Error*—Figures for the current month include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are "imputed" from month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with imputations greater than 10 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

*Revision to Previous Period Data*—Statistics for previous months may be revised due to receipt of corrected data from respondents, including late reports for which imputations were previously made as described above, and other corrections. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

*Reporting Period Adjustment*—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods). The data are adjusted to reflect the time periods listed in the reporting calendar.

## REPORTING CALENDAR

1980

Month	Number of weeks in period	Period covered
January	5	December 30, 1979 - February 2
February	4	February 3 - March 1
March	4	March 2 - March 29
April	5	March 30 - May 3
May	4	May 4 - May 31
June	4	June 1 - June 28
July	5	June 29 - August 2
August	4	August 3 - August 30
September	4	August 31 - September 27
October	5	September 28 - November 1
November	4	November 2 - November 29
December	5	November 30 - January 3, 1981

*Seasonal Adjustment*—This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II seasonal adjustment program. This program is a ratio-to-moving average method. It largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal pattern. Additional information concerning seasonal adjustment is available in the seasonal adjustment supplement issued in this series.

## EXPLANATION OF TERMS

*Stocks Held by Consuming Establishments*—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process material, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

*Stocks Held at Public Storage and Compresses*—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going



into storage, for which warehouse receipts have not yet been issued; and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks of cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The Standard Industrial Classification (SIC) system used for domestic output and the statistical export and import commodity classifications were developed independently and are based on somewhat differing systems of classification. This results in considerable difficulty in comparing the three types of data for many commodity areas. The domestic output classification is based on type of industry; whereas, the export and import classification system is more materials oriented. Aside from the differences in the basic commodity classifications, there are additional problems involving import data, since there are a substantial number of imported commodities which are not produced in the United States or which are produced only in very small quantities and which, therefore, have no comparable domestic output classification. The relationships shown in this report should be considered only as approximations, since, in addition to those mentioned above, there are also the following problems affecting the comparability of the three sets of data:

a. **Valuation**—There are different methods of valuation for the three types of data.

**Domestic Output**—Valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, exclusive of freight charges and excise taxes.

**Exports**—Valued at the point of exportation. It includes the selling price, or cost if not sold, and inland freight, insurance, and other charges to the export point.

Estimated producers' values of exports have also been developed. These values more closely approximate the values reported for domestic output because they exclude freight, insurance, and other charges applied from the producing plant to the export point.

**Imports**—Valued at the first port of entry in the United States. It includes c.i.f. (cost, insurance, and freight), duty, and other charges to the import point.

b. **Duplication in Quantity and Value of Output**—Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of data for such commodities may contain a certain amount of duplication. Thus, percentages of exports to output or imports to apparent consumption (output plus imports minus exports) at four-digit or broader levels may be understated. Where duplication is known to be substantial, the output data are appropriately noted in the table.

c. **Low-Valued Export and Import Transactions**—Commodity information is not shown for individual imports valued under \$251. For exports, commodity information is not reported for shipments individually valued under \$501, effective March 1979 and for shipments under \$251 prior to March 1979. This is believed to have only negligible effect on the statistics for most commodities.

d. **Manufacturers' Shipments, Not Specified by Kind**—The value of manufacturers' shipments at the four-digit industry level often includes a small amount which is not distributed among the individual five-digit product classes. Export and import percentages at the more detailed levels might, therefore, be slightly overstated.

e. **Time Lag Between Output and Exports**—There will be a lag between the time a commodity is produced or shipped by the producer and the time it is actually exported, especially when intermediaries (wholesalers, exporters, etc.) are involved. Ordinarily, this type of discrepancy is insignificant in annual figures.

f. **"Direct" vs "Total" Commodity Exports and Imports**—Export and import data do not include materials which are incorporated into other more finished products and exported or imported in finished form. Thus, by showing only direct exports and imports, the relation of exports to output and imports to apparent consumption for intermediate products is considerably understated.

g. **Used Commodities**—With a few exceptions, used or rebuilt commodities are classified in the same import or export codes as is new merchandise. Percentages are thus overstated to the extent that used or rebuilt products are significant in trade.

h. **Geographic Area of Coverage**—Import and export data reflect the movement of merchandise into and out of the U.S. customs territory (the 50 States, the District of Columbia, and Puerto Rico). They do not include movements between the United States and its possessions. Domestic output (shipments) data exclude Puerto Rico and other outlying areas.

## RELATED REPORTS

An annual Current Industrial Report is published in this series. The annual report summarizes monthly figures and incorporates all known revisions in the series for both current and previous year, thus providing a single reference copy to replace the monthly publications. This annual summary provides additional information on the history of this survey.

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Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	<i>Manufacturers' Shipments, Inventories, and Orders</i>
M22D	Monthly	<i>Consumption on the Woolen Systems and Worsted Combing</i>
<i>Foreign Trade Reports</i>		
FT-410	Monthly	<i>U.S. Exports—Schedule E—Commodity by Country</i>
FT-135	Monthly	<i>U.S. General Imports—Schedule A—Commodity by Country</i>

#### CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Richard Hanks	(301) 763-7809
Foreign Trade publications	Juanita Noone	(301) 763-5140
To order a Census Bureau publication	Customer Services (DUSD)	(301) 449-1600
To order Census Bureau microfiche	Maria Brown	(301) 763-5511

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# Consumption on the Cotton System

## Summary for Cotton Season 1979-1980



U.S. Department of Commerce  
BUREAU OF THE CENSUS

M22P(80)-13  
Issued January 1981

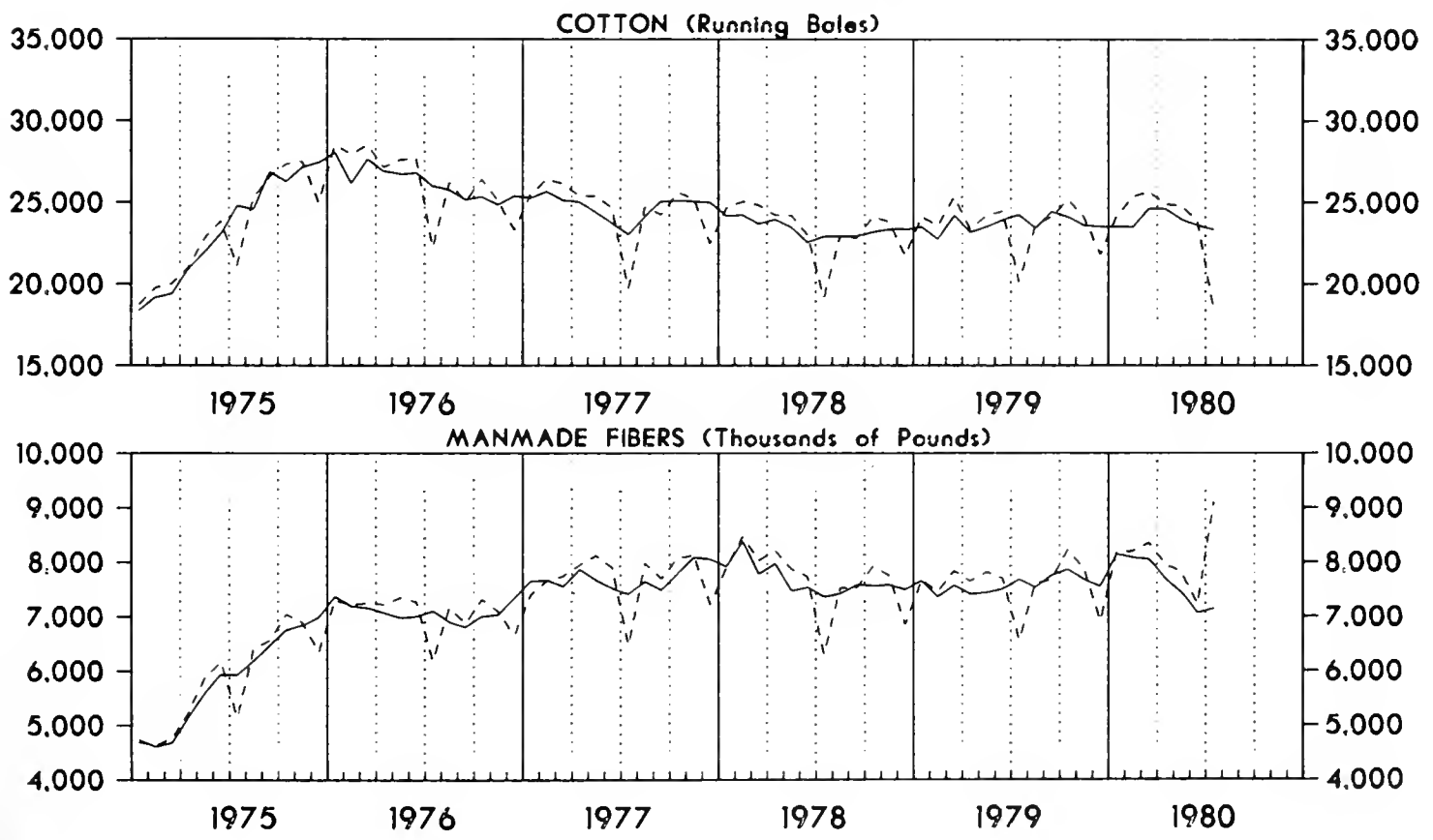
### SUMMARY OF FINDINGS

Total cotton consumption for the cotton season of 1979-1980 increased by 0.5 percent over the consumption of cotton for the 1978-1979 cotton season, and consumption of

manmade fiber staple increased by 0.2 percent over the 1978-1979 cotton season. However, at the same time stocks of cotton decreased by 13.7 percent.

### DAILY AVERAGE CONSUMPTION OF COTTON AND MANMADE FIBERS: 1975 TO 1980

— Seasonally Adjusted  
- - - Not Seasonally Adjusted



Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Richard Hanks, (301) 763-7809.

For sale by Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Price, 30 cents per copy, \$3.90 per year.

Table 1. STOCKS OF COTTON AND CONSUMPTION OF COTTON AND MANMADE FIBER STAPLE: 1972 TO 1980

Date	Index of cotton consumption, seasonally adjusted <sup>1</sup>	Total cotton consumption (running bales)	Average per working day (running bales)	Total cotton stocks, end of year (running bales)	Consumption of manmade fiber staple (1,000 pounds)
Year ending August 1, 1980.....	67	6,209,374	23,882	3,047,265	1,994,109
Year ending August 1, 1979.....	65	6,180,439	23,771	3,532,001	1,990,914
Year ending August 1, 1978.....	63	6,216,803	23,911	4,926,394	2,025,548
Year ending August 1, 1977.....	66	6,477,724	24,914	2,845,005	1,913,183
Year ending August 1, 1976.....	73	6,964,529	26,787	3,444,008	1,800,876
Year ending August 1, 1975.....	72	5,603,789	21,602	5,205,714	1,462,602
Year ending August 1, 1974.....	79	7,149,887	27,559	3,543,143	1,902,060
Year ending August 1, 1973.....	81	7,568,235	28,749	3,578,985	1,853,040
Year ending August 1, 1972.....	88	8,009,715	30,807	3,154,033	1,588,163

Note Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales.

<sup>1</sup>Index of cotton consumption adjusted for seasonal variations (1967=100).

Table 2. SUPPLY AND DISTRIBUTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1979 TO 1980

(Running bales, except that imported cotton is in equivalent 500-pound gross weight bales)

Supply and distribution	Number of bales	Supply and distribution	Number of bales
SUPPLY		SUPPLY--Continued	
Stocks, August 4, 1979 <sup>1</sup> .....	3,782,001	Aggregate supply.....	18,176,575
In consuming establishments.....	927,471		
In public storage and at compresses.....	2,604,530		
Elsewhere (partially estimated) <sup>2</sup> .....	250,000		
		DISTRIBUTION	
Net imports of foreign cotton.....	5,340	Total exports.....	8,778,689
Total imports for consumption.....	5,340	Consumption, adjusted to calendar year.....	6,260,752
Less: Re-exports (other than withdrawals from bond for export).....	-	Stocks, August 2, 1980 <sup>1</sup> .....	3,027,498
Ginnings, crop of 1979 during crop year 1979-1980.....	14,189,628	In consuming establishments.....	955,418
Total ginnings, crop of 1979.....	14,261,922	In public storage and at compresses.....	1,822,080
Less: Ginnings prior to August 1, 1979.....	72,294	Elsewhere (partially estimated) <sup>2</sup> .....	250,000
		Aggregate distribution.....	18,066,939
Ginnings, prior to August 1, 1980, crop of 1980.....	199,606	Excess of reported supply over distribution.....	109,636

- Represents zero.

<sup>1</sup>These data represent the end of the reporting period rather than the end of the crop year.

<sup>2</sup>Includes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

Table 3. SUPPLY AND DISTRIBUTION OF LINTERS IN THE UNITED STATES: SEASON OF 1979 TO 1980

(Running bales, except imports which are in equivalent 500-pound bales)

Supply and distribution	Number of bales <sup>1</sup>	Supply and distribution	Number of bales <sup>1</sup>
SUPPLY		DISTRIBUTION	
Stocks, August 4, 1979.....	229,062	Exports.....	275,753
In consuming establishments.....	167,230	Consumption.....	897,018
In public storage.....	3,668	Stocks, August 2, 1980.....	316,012
In oil mills.....	57,164		
Elsewhere (partially estimated).....	1,000		
Imports.....	80,244		
Total imports for consumption.....	80,244	In consuming establishments.....	220,659
Less: Re-exports.....	-	In public storage.....	7,036
Production.....	1,128,674	In oil mills.....	87,317
Aggregate supply.....	1,437,980	Elsewhere (partially estimated).....	1,000
		Aggregate distribution.....	1,488,783
		Excess of reported distribution over supply.....	50,803

- Represents zero.

<sup>1</sup>Estimated number of running bales for production of linters and oil mill stocks based on new conversion factors supplied by oil mills. Imports from Mexico are in 600-pound gross weight bales; other imports in 500-pound gross weight bales; other figures in running bales.

Table 4A. CONSUMPTION OF DOMESTIC AND FOREIGN COTTON IN THE UNITED STATES, BY MONTHS: SEASON OF 1979 TO 1980

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Reporting period (month)	Index of cotton consumption, seasonally adjusted <sup>1</sup>	Average per working day <sup>2</sup>	Cotton		
			Total	Domestic	Foreign
Total, year ending August 2, 1980.....	(X)	23,882	6,209,374	6,206,657	2,717
August (4 weeks) 1979.....	65	23,617	472,338	472,129	209
September (4 weeks).....	69	24,117	482,338	482,105	233
October (5 weeks).....	68	25,188	629,704	629,450	254
November (4 weeks).....	66	24,099	481,980	481,845	135
December (4 weeks).....	67	21,813	436,264	436,125	139
January (5 weeks) 1980.....	67	24,160	603,995	603,795	200
February (4 weeks).....	68	25,353	507,094	506,870	224
March (4 weeks).....	69	25,654	513,087	512,789	298
April (5 weeks).....	69	24,899	622,478	622,027	451
May (4 weeks).....	68	24,781	495,618	495,425	193
June (4 weeks).....	67	23,883	477,659	477,516	143
July (5 weeks).....	66	18,473	486,819	486,581	238

(X) Not applicable.

<sup>1</sup>Index of cotton consumption adjusted for seasonal variations (1967=100).<sup>2</sup>Based on 20 workdays in 4-week periods and 25 workdays in 5-week periods.

Table 4B. CONSUMPTION OF AMERICAN UPLAND COTTON, BY STAPLE LENGTH, BY MONTHS: SEASON OF 1979 TO 1980

(Running bales)

Reporting period (month)	Total	Staples less than 1" in length	1" and 1-1 3/2" staples	1-1 1/2" and 1-1 3/2" staples	Staples larger than 1-3/32"	Staples not specified by kind
Total, year ending August 2, 1980....	6,144,814	266,062	1,659,684	3,711,419	372,104	135,545
August (4 weeks) 1979.....	467,331	25,255	120,711	281,501	27,521	12,343
September (4 weeks).....	477,483	24,305	125,775	288,593	27,420	11,390
October (5 weeks).....	623,751	30,577	171,516	370,335	35,472	15,851
November (4 weeks).....	477,519	23,063	132,301	282,347	27,905	11,903
December (4 weeks).....	432,367	21,536	116,929	260,397	24,803	8,702
January (5 weeks) 1980.....	597,632	26,761	161,844	358,889	37,109	13,029
February (4 weeks).....	501,730	20,707	135,169	303,323	30,209	12,322
March (4 weeks).....	507,430	20,097	140,231	305,014	35,310	6,778
April (5 weeks).....	615,074	23,493	169,519	371,541	38,108	12,413
May (4 weeks).....	490,360	18,493	131,082	300,698	29,356	10,731
June (4 weeks).....	472,490	17,076	120,264	296,598	28,449	10,103
July (5 weeks).....	481,647	14,699	134,343	292,183	30,442	9,980

Table a. STOCKS OF COTTON IN CONSUMING ESTABLISHMENTS AND IN PUBLIC WAREHOUSES AND COMPRESSES IN THE UNITED STATES: SEASON OF 1979 TO 1980

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Date	Total <sup>1</sup>	In consuming establishments			In warehouses and compresses		
		Total	Domestic cotton	Foreign cotton	Total	Domestic cotton	Foreign cotton
September 1, 1979.....	3,047,265	849,652	847,827	1,835	2,197,603	2,194,909	2,694
September 29, 1979.....	2,628,714	749,117	747,418	1,699	1,879,597	1,877,660	1,937
November 3, 1979.....	4,433,296	648,117	646,389	1,728	3,785,179	3,783,242	1,937
December 1, 1979.....	7,628,187	730,211	728,833	1,378	6,897,976	6,896,039	1,937
December 29, 1979.....	8,496,233	833,427	832,028	1,399	8,162,806	8,160,369	2,437
February 2, 1980.....	8,639,100	900,074	898,723	1,351	7,739,026	7,734,368	4,658
March 1, 1980.....	7,546,786	988,844	986,529	2,315	6,557,942	6,554,400	3,542
March 29, 1980.....	6,370,003	1,071,363	1,068,431	2,932	5,298,640	5,295,415	3,225
May 3, 1980.....	5,216,098	1,132,251	1,129,245	3,006	4,083,847	4,081,112	2,735
May 31, 1980.....	4,224,944	1,098,678	1,096,387	2,291	3,126,266	3,123,951	2,315
June 28, 1980.....	3,343,056	1,001,566	1,000,120	1,446	2,341,490	2,340,387	1,103
August 2, 1980.....	2,777,498	955,418	953,905	1,513	1,822,080	1,821,690	390

<sup>1</sup>Excludes cotton in transit to ports, warehouses, consuming establishments, and Canada; on docks, on shipboard but not cleared, and other port stocks not in warehouses or consuming establishments; and on farms, in merchant sheds, and other private storage.

Table b. CONSUMPTION AND STOCKS OF AMERICAN-PIMA AND FOREIGN COTTON IN THE UNITED STATES: SEASON OF 1979 TO 1980

(Domestic cotton in running bales; foreign cotton in equivalent 500-pound bales)

Type of cotton	Consumption		Stocks held in--			
	Feb. 1, 1980 to August 1, 1980	July 31, 1979 to Feb. 2, 1980	Consuming establishments		Public warehouses and compresses	
			August 1, 1980	February 2, 1980	August 1, 1980	February 2, 1980
American-Pima cotton <sup>1</sup> .....	32,477	29,366	14,781	12,794	20,852	71,417
Foreign cotton.....	1,547	1,170	1,513	1,351	390	24,658
Staple length 1-1 8 inch or more.....	1,547	1,170	1,513	1,351	(D)	(D)
Staple length under 1-1 8 inch.....						

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes Sea Island and other domestic cotton which accounted for less than 1 percent of the total.

<sup>2</sup>Excludes foreign cotton held in bond waiting opening of quota or held for transshipment to other countries. The quantities of such cotton, in 500-pound equivalent gross weight bales, were withheld to avoid disclosing figures for individual companies.

Table 7. CONSUMPTION OF MANMADE FIBER STAPLE, BY MONTH, AUGUST 1979 TO JULY 1980

(Thousands of pounds)

Reporting period (month)	Index of manmade fiber staple consumption, seasonally adjusted <sup>1</sup>		Total <sup>2</sup>	Rayon and or acetate	Nylon	Acrylic and modacrylic	Polyester	Other man- made fiber staple
	Cellulosic	Non- cellulosic						
Total, year ending July 29, 1980.....	55	308	1,994,109	303,844	134,334	192,704	1,346,912	16,315
August 1979 (4 weeks).....	56	300	152,161	24,321	10,562	13,548	102,508	1,222
September 1979 (4 weeks).....	56	311	153,613	24,006	12,538	13,896	101,871	1,302
October 1979 (5 weeks).....	58	314	205,635	33,447	16,428	18,545	135,626	1,589
November 1979 (4 weeks).....	59	305	157,279	24,759	11,924	13,538	105,834	1,224
December 1979 (4 weeks).....	56	302	138,378	21,456	10,386	11,633	93,697	1,206
January 1980 (5 weeks).....	60	326	204,188	32,707	13,294	18,585	138,033	1,569
February 1980 (4 weeks).....	60	322	163,975	25,911	9,129	16,662	110,999	1,274
March 1980 (4 weeks).....	60	321	166,980	25,470	11,533	16,216	111,961	1,300
April 1980 (5 weeks).....	54	310	198,925	29,130	13,627	20,600	133,997	1,571
May 1980 (4 weeks).....	53	299	156,235	24,106	8,502	17,008	105,393	1,226
June 1980 (4 weeks).....	43	291	144,382	18,732	7,487	16,311	100,445	1,407
July 1980 (5 weeks).....	42	296	152,358	19,299	8,924	16,162	106,548	1,425

<sup>1</sup>Index of manmade fiber staple consumption adjusted for seasonal variation (1967=100).<sup>2</sup>Consumption of manmade fiber staple is only for those mills with cotton system spindles. Consumption in woolen mills is published in monthly Current Industrial Reports Series M22D, Consumption on the Woolen Systems and Worsted Combing.

Table 8. STOCKS OF MANMADE FIBER STAPLE, BY MONTH, AUGUST 1979 TO JULY 1980

(Thousands of pounds)

Inventory date	Total <sup>1</sup>	Rayon and or acetate	Nylon	Acrylic and modacrylic	Polyester	Other manmade fiber staple
September 1, 1979.....	151,546	25,389	11,146	15,792	98,293	926
September 29, 1979.....	152,890	25,185	11,646	13,707	101,362	990
November 3, 1979.....	140,169	23,646	12,108	12,411	91,085	919
December 1, 1979.....	130,619	22,111	9,761	11,847	85,984	916
December 29, 1979.....	133,772	22,343	11,559	12,956	85,958	956
February 2, 1980.....	136,074	23,131	10,092	12,083	89,864	904
March 1, 1980.....	144,012	23,183	9,328	13,617	97,122	762
March 29, 1980.....	140,999	23,202	7,996	16,148	92,767	886
May 3, 1980.....	140,920	23,619	7,508	15,491	93,373	929
May 31, 1980.....	133,995	21,224	7,078	14,852	90,224	617
June 28, 1980.....	135,837	20,342	6,138	16,676	92,071	610
August 2, 1980.....	121,033	19,349	6,125	14,938	80,025	596

<sup>1</sup>Stocks are only for mills with cotton system spindles.

Table 9. CONSUMPTION OF LINTERS, BY TYPE OF CONSUMER, IN THE UNITED STATES: SEASON OF 1979 TO 1980

(Running bales)

Reporting period (month)	Total	Bleachers	Other consumers		
			Total	Pacific and Mountain States	All other States
Total, year ending July 29, 1980.....	897,018	733,651	163,367	38,301	125,066
August (4 weeks) 1979.....	70,676	55,859	14,817	3,400	11,417
September (4 weeks).....	70,832	54,410	16,422	4,094	12,328
October (5 weeks).....	90,579	72,777	17,802	3,737	14,065
November (4 weeks).....	74,730	61,313	13,417	3,197	10,220
December (4 weeks).....	70,438	59,143	11,295	2,789	8,506
January (5 weeks) 1980.....	85,190	69,333	15,857	3,994	11,863
February (4 weeks).....	70,474	57,209	13,265	3,139	10,126
March (4 weeks).....	71,641	59,175	12,466	2,839	9,627
April (5 weeks).....	91,838	77,206	14,632	3,367	11,265
May (4 weeks).....	72,525	61,476	11,049	2,580	8,469
June (4 weeks).....	75,837	65,002	10,835	2,393	8,442
July (5 weeks).....	52,258	40,748	11,510	2,772	8,738

Table 10. STOCKS OF LINTERS BY TYPE OF ESTABLISHMENTS IN THE UNITED STATES: SEASON OF 1979 TO 1980

(Number of running bales)

Period	All establish- ments	Consuming establishments					Public storage and compresses		Oil mills <sup>2</sup>
		Total	Bleachers	Other consumers			Total	Pacific and Mountain <sup>1</sup>	
				Total	Pacific and Mountain States	All other States			
September 1, 1979.....	202,662	154,234	127,214	27,020	3,371	23,649	2,676	2,676	45,752
September 29, 1979.....	166,149	127,663	101,807	25,856	4,116	21,740	1,265	1,265	37,221
November 3, 1979.....	155,905	105,760	82,405	23,355	4,341	19,014	1,368	1,368	48,777
December 1, 1979.....	163,621	101,513	74,741	26,772	3,883	22,889	1,880	1,880	60,228
December 29, 1979.....	191,974	111,293	81,768	29,525	4,357	25,168	3,691	3,691	76,990
February 2, 1980.....	221,343	136,862	107,049	29,813	4,144	25,669	3,994	3,994	80,487
March 1, 1980.....	236,195	148,675	121,915	26,760	3,148	23,612	5,962	5,962	81,558
March 29, 1980.....	263,725	167,443	140,971	26,472	3,449	23,023	7,751	7,751	88,531
May 3, 1980.....	273,426	179,862	155,479	24,383	3,098	21,285	7,745	7,745	85,819
May 31, 1980.....	287,069	186,928	160,299	26,629	4,229	22,400	7,380	7,380	92,761
June 28, 1980.....	283,799	181,780	157,076	24,704	3,120	21,584	7,736	7,736	94,283
August 2, 1980.....	315,012	220,659	195,679	24,980	3,052	21,928	7,036	7,036	87,317

<sup>1</sup>Includes all other States.<sup>2</sup>Oil mill stocks in estimated running bales based on information reported in pounds.



## DESCRIPTION OF SURVEY

**Scope of Survey**—This survey includes public warehouses of cotton and raw linters and manufacturing plants consuming cotton, manmade fiber staple, and raw linters on the cotton system. Consumption of uncut top and other longer fibers on the American and other new systems for spinning uncut top are excluded from this report.

**Sampling Description**—The data shown in this publication were collected on Bureau of the Census monthly Forms M22N, Cotton and Linters in Public Storage and Compresses, and M22P, Cotton, Manmade Fiber Staple, and Raw Linters.

This report summarizes the consumption and stocks data published monthly in the Current Industrial Reports Series M22P, *Consumption on the Cotton System*. A tabulation of the annual reports submitted by respondents who are excluded from the monthly mailing panel did not show any significant differences compared to the monthly estimates. As a result, no revisions have been made to the monthly figures previously published in this series.

**Survey Error**—Figures for each month may include estimates for respondents whose reports were not received in time for tabulation. Such missing figures are imputed for month-to-month movements shown by reporting firms and are generally limited to a maximum of 10 percent for any one item. Individual items with higher than 10-percent imputation rate are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The probable range of difference between the actual and imputed figures is unknown. The degree of uncertainty regarding the accuracy of the data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Reporting Period Adjustment**—The data are adjusted for number of working days in the reporting period to compensate for differences in individual company reporting patterns (i.e., calendar month, 4-week, 5-week periods).

**REPORTING CALENDAR**  
1979-1980 Cotton Season

Month	Number of weeks in period	Period covered
August, 1979	4	August 5–September 1
September	4	September 2–September 29
October	5	September 30–November 3
November	4	November 4–December 1
December	4	December 2–December 29
January, 1980	5	December 30, 1979–February 2, 1980
February	4	February 3–March 1
March	4	March 2–March 29
April	5	March 30–May 3
May	4	May 4–May 31
June	4	June 1–June 28
July	5	June 29–August 2

## EXPLANATION OF TERMS

**Stocks Held by Consuming Establishments**—Inventory of materials located in the mill, mill warehouse, or in any private storage place owned or leased as of the close of business on the last day of the report period. Included are raw linters in bale form, stocks in consuming establishment regardless of ownership, and the stockpile cotton released by the General Services Administration. Excluded are in-process materials, material stored in public warehouses or at other manufacturing plants, battings and pads made from linters by others, and linters pulp.

**Stocks Held at Public Storage and Compresses**—Stocks of cotton and raw linters in possession at the close of business of the day indicated regardless of the year or locality of growth. These figures include cotton and raw linters as follows: On hand, for which warehouse receipts have been issued or which are awaiting shipment or being held for consolidation; going into storage, for which warehouse receipts have not yet been issued, and held for the account of the Commodity Credit Corporation. However, the data exclude cotton and raw linters in transit to or from the warehouse and stocks or cotton and linters waste, motes, etc.

**Farm and Gin Stocks**—Stocks of cotton and linters at farms and gins are excluded.

**Spindles**—The term "cotton-system spinning spindles" does not include spindles operated on the "American" and other new systems for spinning uncut top. Active spindle figures indicate the number active for the shift during which the largest number of spindles was operated on the last day of the period. Spindle hours data reflect the total spindle hours operated during the period for each fiber classification listed.

**Consumption (Cotton System)**—Includes materials passed through the opener or otherwise removed from inventory and put into process for spinning, bleaching, etc., but excludes cotton and linters waste, motes, and all other waste materials.

## RELATED REPORTS

The Bureau of the Census also publishes reports on other related products as follows:

Series	Frequency	Title
<i>Current Industrial Reports</i>		
M3-1	Monthly	<i>Manufacturers' Shipments, Inventories, and Orders</i>
M22D	Monthly	<i>Consumption on the Woolen Systems and Worsted Combing</i>
<i>Foreign Trade Reports</i>		
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			To order Census Bureau microfiche	Maria Brown	(301) 763-5511

#### CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Report M22P	Richard Hanks	(301) 763-7809
Foreign Trade publications	Juanita Noone	(301) 763-5140

#### ACKNOWLEDGMENTS

This report was prepared in the Industry Division, Bureau of the Census, under the direction of Carole A. Klein, Chief, Textiles and Apparel Branch. Richard Hanks was directly responsible for the review of the data and preparation of the report. Roger Bugenhagen, Chief of the Division, and John R. Wikoff, Assistant Chief for Commodity and Special Programs, provided overall direction and coordination to this project.



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